CATALOGUE OF CORES COLLECTED FROM THE SOUTHERN OCEAN AND CURATED AT THE LAMONT-DOHERTY EARTH OBSERVATORY AND THE FLORIDA STATE UNIVERSITY

Ann E. Isley
Rusti Lotti
Lloyd H. Burckle
James D. Hays

Technical Report LDEO-96-2

The Lamont/SIO Consortium for Climate Research
Lamont-Doherty Earth Observatory
of Columbia University
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A publication of Columbia University
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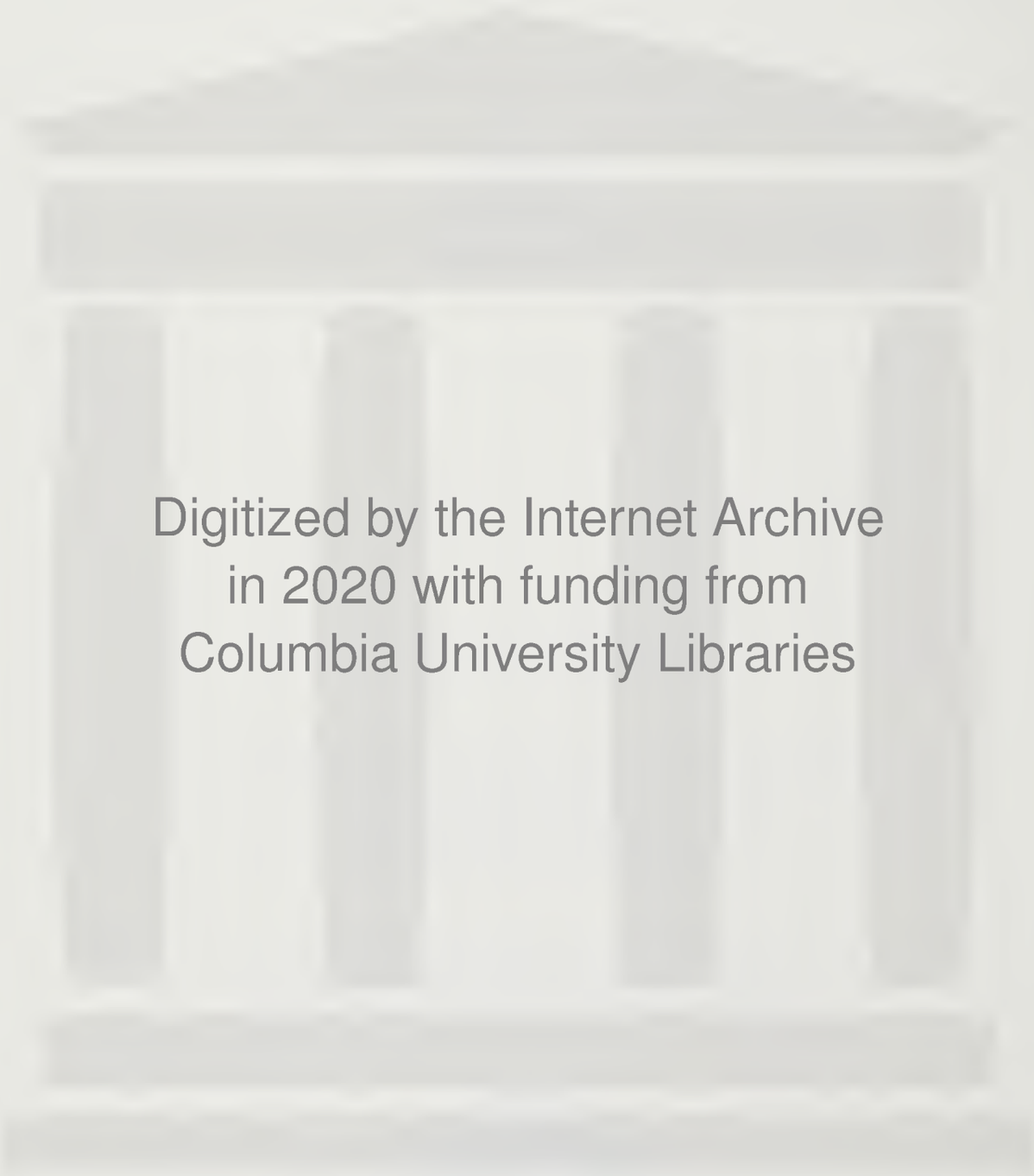

I. INTRODUCTION

This technical report has been prepared under the auspices of the Lamont/SIO Consortium for Climate Research. It lists more than 2500 cores, recovered south of 40°S during cruises of the *R/Vs Eltanin*, *Islas Orcadas*, *Robert Conrad*, *Vema*, and U.S. Coast Guard icebreaker *Glacier*. These cores are currently stored at the Lamont-Doherty Earth Observatory and the Florida State University.

The report is organized by cruise, ordered by year. Principal investigators for each cruise are listed. For each core, latitude, longitude, and water depth of recovery are listed. Core lengths are also shown. Studies that have published data for individual cores are referenced. Full citations are available in the companion technical report LDEO-96-3.

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1. *Vema* 12
16-22 March, 1957
Principal Investigator: W. Beckman

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM12-29	-40.733	-55.417	2230	245	Boltovskoy (1973)
VM12-32	-41.033	-60.750	59	295	Boltovskoy (1973); Ludwig *et al.* (1968)
VM12-33	-44.100	-63.917	77	365	Boltovskoy (1973)
VM12-34	-45.567	-65.883	88	524	Boltovskoy (1973)
VM12-35	-45.750	-66.467	84	138	Boltovskoy (1973)
VM12-36	-46.000	-65.633	82	730	Boltovskoy (1973)
VM12-37	-45.967	-62.850	99	600	Boltovskoy (1973); Goll and Bjørklund (1974)
VM12-38	-46.467	-62.050	106	290	Boltovskoy (1973)
VM12-40	-45.467	-59.667	1044	245	Groot *et al.* (1967)
VM12-41	-45.383	-59.217	1880	40	
VM12-43	-45.317	-57.983	3880	535	Balsam and Wolhart (1993); Hays (1965); Imbrie and Kipp (1971); Ledbetter (1986); Ledbetter and Klaus (1987)
VM12-45	-46.167	-59.333	1318	150	Boltovskoy (1973)
VM12-46	-47.483	-59.350	1167	712	Groot *et al.* (1967)
VM12-49	-40.717	-56.533	1015	353	
VM12-51	-41.067	-51.083	5256	799	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Boltovskoy (1973); Groot *et al.* (1967); Hays (1965)
VM12-53	-40.900	-20.383	3797	1080	Biscaye and Dasch (1971); Goll and Bjørklund (1974); Hays (1965); Imbrie and Kipp (1971); McIntyre and Bé (1967); Molfino and Morley (1982); Molfino *et al.* (1982)
VM12-54	-41.233	-6.117	4082	896	Goll and Bjørklund (1974) (1970); Prell (1978); Prell and Hays (1976); Prell *et al.* (1986); Roche *et al.* (1975); Sackett (1965); Saito *et al.* (1974); Wehmiller and Hare (1975); Wollin *et al.* (1971a); Wollin *et al.* (1971b); Wollin *et al.* (1971c)

2. *Vema* 14

4 February - 24 March, 1958
Principal Investigators: M. Ewing, T. Takahashi

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM14-25	-40.433	-61.233	35	203	
VM14-26	-41.150	-61.617	40	345	
VM14-27	-41.833	-64.333	128	1213	Biscaye and Dasch (1971); Heezen and Johnson (1965); Ludwig *et al.* (1968)
VM14-28	-41.500	-61.617	44	470	Ludwig *et al.* (1968)
VM14-29	-43.050	-64.333	79	438	Goll and Bjørklund (1974); Ludwig *et al.* (1968)
VM14-30	-44.733	-61.667	101	126	Ludwig *et al.* (1968)
VM14-31	-46.800	-62.800	102	531	Ludwig *et al.* (1968)
VM14-32	-48.667	-64.367	104	305	Ludwig *et al.* (1968)
VM14-33	-50.083	-65.617	102	110	Goll and Bjørklund (1974); Heezen and Hollister (1963); Ludwig *et al.* (1968)
VM14-34	-51.483	-66.750	104	52	Ludwig *et al.* (1968)
VM14-35	-53.133	-68.100	11	659	Cooper (1973); Ludwig *et al.* (1968)
VM14-36	-52.567	-61.233	360	557	Curry and Matthews (1981); Heezen and Hollister (1963); Ludwig *et al.* (1968)
VM14-37	-53.100	-60.667	512	864	Berger and Pestiaux (1982); Ludwig *et al.* (1968)
VM14-39	-54.883	-63.533	1791	74	Biscaye and Dasch (1971); Ludwig *et al.* (1968)
VM14-40	-54.317	-65.667	77	97	Ludwig *et al.* (1968)
VM14-41	-52.917	-66.833	73	99	Ludwig *et al.* (1968)
VM14-42	-52.733	-62.967	305	468	Biscaye and Dasch (1971); Goll and Bjørklund (1974); Ludwig *et al.* (1968)
VM14-43	-52.683	-59.150	110	149	Ludwig *et al.* (1968);
VM14-44	-53.475	-58.517	2140	244	Goll and Bjørklund (1974); Ludwig *et al.* (1968); Patchett *et al.* (1984); Saito *et al.* (1974)
VM14-45	-56.483	-56.967	3400	365	Ludwig *et al.* (1968)
VM14-46	-56.750	-55.083	3429	490	Biscaye and Dasch (1971); Goldberg and Koide (1962); Ludwig *et al.* (1968)
VM14-47	-50.767	-42.150	1690	415	Berger and Pestiaux (1982); Ciesielski and Wise (1977); Ciesielski *et al.* (1982); Groot *et al.* (1967); Imbrie and Kipp (1971); Lazarus *et al.* (1987); Ludwig *et al.* (1968); Sackett *et al.* (1965); Saito *et al.* (1974)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM14-48	-52.733	-40.067	3771	1155	Biscaye and Dasch (1971); Goll and Bjørklund (1974); Groot *et al.* (1967); Ludwig *et al.* (1968)
VM14-49	-54.300	-39.350	238	48	Biscaye and Dasch (1971); Goll and Bjorklund (1974); Ludwig *et al.* (1968)
VM14-50	-55.467	-37.867	3757	25	Ludwig *et al.* (1968)
VM14-51	-56.617	-34.800	3696	1110	Biscaye and Dasch (1971); Groot *et al.* (1967); Ludwig *et al.* (1968); Sackett *et al.* (1965)
VM14-52	-56.700	-27.600	2838	726	Ludwig *et al.* (1968); Ninkovitch *et al.* (1964)
VM14-53	-56.717	-24.517	7906	485	Barriero (1983); Federman *et al.* (1982); Ludwig *et al.* (1968); Ninkovitch *et al.* (1964)
VM14-54	-56.867	-25.133	6181	435	Biscaye and Dasch (1971); Federman *et al.* (1982); Ludwig *et al.* (1968); Ninkovitch *et al.* (1964)
VM14-55	-57.567	-23.967	7648	435	Barriero (1983); Federman *et al.* (1982); Hays (1965); Ludwig *et al.* (1968); Ninkovitch *et al.* (1964); White *et al.* (1986)
VM14-56	-57.567	-23.967	5134	438	Barriero (1983); Biscaye and Dasch (1971); Federman *et al.* (1982); Ludwig *et al.* (1968); Ninkovitch *et al.* (1964); Patchett *et al.* (1984); White *et al.* (1986)
VM14-57	-57.567	-17.100	4978	597	Barriero (1983); Biscaye and Dasch (1971); Cooke and Hays (1982); Federman *et al.* (1982); Goll and Bjorklund (1974); Hays (1965); Ludwig *et al.* (1968); Morley (1980); Ninkovitch *et al.* (1964); Patchett *et al.* (1984); Shemesh *et al.* (1989a); White *et al.* (1986)
VM14-58	-57.617	-13.600	3543	490	Barriero (1983); Federman *et al.* (1982); Hays (1965); Ninkovitch et al. (1964); Ludwig *et al.* (1968); Patchett *et al.* (1984); White *et al.* (1986)
VM14-59	-56.900	-9.300	4078	39	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Hays (1965); Ledbetter (1986); Ledbetter and Klaus (1987); Ludwig *et al.* (1968); Ninkovitch et al. (1964); Sachs and Ellwood (1988)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					Bjorklund (1974); Hays (1965); Ninkovitch *et al.* (1964)
VM14-61	-54.467	-2.600	1835	610	Barriero (1983); Goll and Bjorklund (1974); Imbrie and Kipp (1971); Imbrie *et al.* (1973); Ninkovitch et al. (1964);
VM14-62	-54.450	0.133	2384	490	Goll and Bjorklund (1974); Hays (1965); Ludwig *et al.* (1968); Ninkovitch *et al.* (1964)
VM14-63	-51.233	2.167	NR	490	Hays (1965); Ludwig *et al.* (1968)
VM14-65	-41.067	7.783	4825	632	Hays (1965); Ludwig *et al.* (1968)

NR = not recorded

3. *Vema* 15

26 January - 30 March, 1959
Principal Investigators: M. Ewing, J. Ewing

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM15-64	-40.100	-75.417	4045	791	
VM15-65	-41.258	-74.450	989	379	
VM15-66	-41.533	-72.900	318	1155	
VM15-67	-42.117	-73.100	377	735	
VM15-68	-42.133	-73.117	135	205	
VM15-69	-42.800	-72.900	146	50	
VM15-70	-45.567	-76.583	2752	1098	
VM15-71	-48.117	-74.700	1359	848	
VM15-72	-51.250	-76.317	3195	419	
VM15-73	-51.467	-76.833	3972	423	
VM15-74	-53.367	-73.017	847	1017	
VM15-75	-53.683	-70.183	232	784	
VM15-76	-53.400	-69.467	234	75	
VM15-77	-53.483	-70.617	406	866	
VM15-78	-53.867	-71.067	536	293	
VM15-79	-53.133	-70.783	141	964	
VM15-80	-52.833	-70.500	99	24	Cooper (1973)
VM15-81	-53.183	-70.650	135	609	
VM15-82	-52.633	-70.167	55	106	
VM15-83	-52.733	-70.583	18	245	
VM15-84	-52.667	-69.967	33	119	
VM15-85	-52.733	-70.350	55	53	
VM15-86	-51.017	-68.533	82	378	
VM15-87	-50.067	-67.217	73	40	
VM15-88	-50.283	-66.833	82	307	
VM15-89	-50.450	-66.483	102	395	Groot *et al.* (1967)
VM15-90	-50.767	-67.467	102	178	
VM15-91	-50.900	-67.700	84	91	
VM15-92	-51.500	-68.667	37	400	
VM15-93	-52.150	-68.350	46	168	Cooper (1973)
VM15-94	-52.667	-68.133	68	122	
VM15-95	-52.617	-68.067	71	341	
VM15-97	-53.083	-67.667	51	76	
VM15-98	-54.233	-66.267	57	118	Cooper (1973)
VM15-99	-54.450	-65.633	70	45	Cooper (1973)
VM15-100	-55.333	-64.967	1717	178	Cooper (1973)
VM15-101	-56.217	-63.883	4153	525	
VM15-102	-55.667	-63.700	3931	45	Cooper (1973); Goll and Bjørklund (1974)
VM15-103	-54.400	-63.483	198	283	
VM15-104	-54.133	-63.900	119	286	
VM15-105	-53.350	-64.700	124	458	Cooper (1973)
VM15-106	-53.133	-65.133	119	402	Cooper (1973)
VM15-107	-52.500	-65.833	106	371	Cooper (1973)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM15-108	-52.883	-65.583	108	38	Cooper (1973)
VM15-109	-53.200	-65.500	106	103	Cooper (1973)
VM15-110	-54.117	-67.017	18	447	Cooper (1973)
VM15-111	-54.117	-66.333	55	13	
VM15-112	-54.167	-65.733	79	151	Cooper (1973)
VM15-113	-54.167	-64.967	101	45	
VM15-114	-54.200	-62.600	404	151	
VM15-115	-54.167	-63.333	293	110	
VM15-116	-54.300	-63.267	196	238	
VM15-117	-54.900	-67.850	214	490	
VM15-119	-54.883	-67.983	220	980	
VM15-120	-56.167	-67.050	412	212	
VM15-121	-56.417	-67.150	1168	296	
VM15-122	-56.667	-67.233	134	155	
VM15-123	-56.517	-66.883	287	223	
VM15-124	-55.050	-64.283	1784	1072	Cooper (1973)
VM15-126	-55.533	-64.133	3837	1060	Cooper (1973)
VM15-129	-57.067	-61.417	3950	551	Goll and Bjorklund (1974); Hays (1965); Mostajo (1983)
VM15-130	-57.850	-60.150	3477	362	Biscaye and Dasch (1971); Sackett *et al.* (1965)
VM15-131	-58.483	-59.133	3823	840	Goll and Bjorklund (1974);
VM15-132	-57.533	-55.150	4118	675	Biscaye and Dasch (1971); Goll and Bjorklund (1974)
VM15-133	-56.617	-53.900	5031	840	Goll and Bjorklund (1974)
VM15-134	-56.117	-53.083	5545	566	
VM15-135	-54.767	-52.033	3952	146	Biscaye and Dasch (1971); Goll and Bjorklund (1974)
VM15-137	-50.383	-47.400	2681	640	Berger and Pestiaux (1982); Biscaye and Dasch (1971); Lazarus *et al.* (1987); Saito *et al.* (1974)
VM15-138	-49.583	-48.083	2725	35	Cooper (1973); Goldstein and O'Nions (1981)
VM15-140	-47.950	-48.067	6086	911	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988); Stevenson and Cheng (1969); Stevenson and Cheng (1970)
VM15-141	-45.733	-50.750	5945	1185	Balsam and Wolhart (1993); Clarke (1968); Ewing and Ewing (1965); Goll and Bjorklund (1974); Groot and Groot (1964); Groot *et al.* (1967); Hays (1965); Ledbetter (1986); Ledbetter and Klaus (1987); Mostajo (1983);

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					Sachs and Ellwood (1988); Sarnthein and Winn (1988); Stevenson and Cheng (1969)
VM15-142	-41.617	-51.533	5856	1130	Boltovskoy (1973); Conolly and Ewing (1965); Goll and Bjorklund (1974); Groot *et al.* (1967); Hays (1965); Sarnthein and Winn (1988); Stevenson and Cheng (1969)
VM15-143	-40.233	-54.033	5205	1175	Hays (1965)
VM15-144	-41.350	-54.400	4797	1170	Goll and Bjorklund (1974); Hays (1965)

4. *Vema* 16

1 January - 25 May, 1960

Principal Investigators: C. Fray, J. Nafe, C. Drake and M. Ewing

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM16-55	-40.233	25.250	2772	182	Berger and Pestiaux (1982); Cooper (1973); Herman (1963); Ludwig *et al.* (1968); Tucholke and Carpenter (1977)
VM16-56	-41.350	26.633	2961	234	Herman (1963); Herman *et al.* (1972); Ludwig *et al.* (1968); Saito *et al.* (1974); Tucholke and Carpenter (1977)
VM16-57	-45.117	29.517	5289	1255	Bender *et al.* (1970); Goll and Bjørklund (1974); Hays (1965); Ludwig *et al.* (1968); Opdyke and Glass (1969)
VM16-58	-46.500	31.267	4731	1283	Clarke (1968); Hays (1965); Ludwig *et al.* (1968); Kent and Schneider (1995)
VM16-59	-50.050	35.183	4868	882	Berger and Pestiaux (1982); Clarke (1968); Conolly and Ewing (1965); Hays (1965); Ludwig *et al.* (1968)
VM16-60	-50.000	36.767	4574	755	Bender *et al.* (1970); Berger and Pestiaux (1982); Clarke (1968); Hays (1965); Ludwig *et al.* (1968); Opdyke (1972); Opdyke and Glass (1969); Pichon *et al.* (1987) NOTE: Hiatus observed in core.
VM16-64	-46.017	44.367	2202	120	Berger and Pestiaux (1982); Curry and Matthews (1981); Hays (1965); Labracherie *et al.* (1989); Ludwig *et al.* (1968); Saito *et al.* (1974)
VM16-65	-45.000	45.767	1618	640	Burckle (1984b); Cooke and Hays (1982); Corliss (1983); Curry and Matthews (1981); Hays (1965); Hays *et al.* (1976); Labracherie *et al.* (1989); Ludwig *et al.* (1968); Morley (1989a); Morley (1989b); Pichon *et al.* (1987); Shemesh *et al.* (1989)
VM16-66	-42.650	45.667	2985	1108	Bandy *et al.* (1971); Bender *et al.* (1970); Berger and Pestiaux (1982); Clarke (1968); Conolly and Ewing (1965); Corliss (1983); Donn and Ewing (1966); Hays (1965); Krinsley and Newman (1965); Lovlie and Jacobs (1971);

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					Lovlie *et al.* (1971); Ludwig *et al.* (1968); Opdyke and Glass (1969); Saito *et al.* (1974)
VM16-112	-43.083	137.167	4700	640	Conolly and Payne (1972); Glass and Wu (1992)
VM16-113	-48.083	137.650	3599	530	Conolly and Payne (1972); Curry and Matthews (1981); Hays (1965)
VM16-114	-49.600	138.217	3166	1080	Conolly and Payne (1972); Cooke and Hays (1982)
VM16-115	-55.683	141.283	3147	1020	Conolly and Payne (1972); Cooke and Hays (1982); Hays (1965)
VM16-116	-55.100	147.483	3296	765	Conolly and Ewing (1965); Conolly and Payne (1972); Hays (1965)
VM16-117	-53.400	153.983	3992	590	Bé *et al.* (1973); Conolly and Payne (1972); Saito *et al.* (1974)
VM16-118	-52.867	158.883	4305	40	Conolly and Payne (1972)
VM16-119	-52.867	158.917	4338	785	Berger and Pestiaux (1982); Conolly and Payne (1972)
VM16-120	-52.500	160.383	220	465	Bé *et al.* (1973)
VM16-121	-50.667	164.383	3614	1042	Bé *et al.* (1973)
VM16-122	-46.700	171.500	1265	1010	Booth and Burckle (1976); Moore *et al.* (1980)
VM16-123	-42.633	174.817	1774	298	Booth and Burckle (1976)
VM16-124	-43.150	175.283	115	204	Booth and Burckle (1976)
VM16-125	-47.017	-179.250	2953	896	Booth and Burckle (1976); Hays (1965); Ninkovich (1968)
VM16-126	-52.267	-170.500	5216	80	Booth and Burckle (1976)
VM16-127	-54.500	-163.317	4471	173	Hays (1965); Moore (1978)
VM16-128	-57.483	-153.883	3528	441	Hays (1965)
VM16-129	-59.367	-142.867	3651	312	Hays (1965); Moore (1978)
VM16-130	-59.367	-132.767	3904	535	Clarke (1968); Hays (1965)
VM16-132	-60.733	-107.483	4898	1162	Bender *et al.* (1970); Clarke (1968); Conolly and Ewing (1965); Hays (1965); Ku (1965)
VM16-133	-61.933	-95.050	5062	435	Bender *et al.* (1970); Hays (1965); Moore (1978)
VM16-134	-61.900	-91.250	5138	828	Bender *et al.* (1970); Berger and Pestiaux (1982); Hays (1965); Hays (1971); Hays and Donahue (1972); Jacobs (1974); Opdyke (1972); Moore (1978)
VM16-136	-59.283	-74.617	4874	1215	Hays (1965)
VM16-138	-55.800	-66.583	88	411	Bé *et al.* (1973)
VM16-139	-54.900	-67.717	187	550	
VM16-140	-53.100	-65.483	115	111	Bé *et al.* (1973)
VM16-141	-51.867	-67.017	97	84	
VM16-142	-51.433	-65.133	126	226	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM16-143	-50.883	-62.700	157	165	
VM16-144	-50.500	-60.433	141	440	
VM16-145	-50.233	-59.267	146	450	
VM16-146	-49.333	-57.367	353	64	Goll and Bjorklund (1974)
VM16-147	-49.000	-58.683	549	221	Mostajo (1983)
VM16-148	-48.567	-60.050	439	320	Bé *et al.* (1973); Biscaye and Dasch (1971); Goll and Bjørklund (1974)
VM16-149	-48.150	-61.317	150	262	
VM16-150	-48.083	-61.217	159	284	Bé *et al.* (1973)
VM16-151	-46.750	-61.467	128	48	Bé *et al.* (1973)
VM16-152	-46.100	-61.733	101	145	
VM16-153	-45.750	-62.367	86	141	
VM16-154	-44.517	-62.100	97	150	Bé *et al.* (1973)
VM16-155	-44.200	-62.367	91	200	Bé *et al.* (1973)
VM16-156	-42.850	-63.267	70	30	
VM16-157	-40.683	-61.583	31	160	
VM16-159	-42.067	-58.150	124	105	Bé *et al.* (1973)
VM16-162	-43.633	-56.183	5059	1000	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Groot *et al.* (1967)
VM16-163	-43.833	-55.567	5222	22	Balsam and Wolhart (1993)
VM16-164	-43.800	-57.200	3957	980	Balsam and Wolhart (1993)
VM16-165	-43.967	-57.333	3566	1091	Balsam and Wolhart (1993)
VM16-166	-43.433	-57.617	4032	290	Bé *et al.* (1973)
VM16-167	-43.283	-57.500	4019	118	Bé *et al.* (1973); Biscaye and Dasch (1971)
VM16-168	-43.800	-57.717	3180	331	Balsam and Wolhart (1993)
VM16-169	-42.750	-57.717	1873	201	
VM16-170	-41.833	-57.883	115	190	
VM16-171	-40.967	-57.200	101	260	
VM16-172	-40.883	57.167	93	296	

5. *Vema* 17

24 March - 11 June, 1961
Principal Investigators: W. Pitman, M. Ewing

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM17-55	-40.550	-75.167	3636	403	Biscaye and Dasch (1971)
VM17-56	-43.333	-75.333	1483	496	Biscaye and Dasch (1971)
VM17-57	-47.000	-75.933	3105	262	Biscaye and Dasch (1971); Maynard (1984)
VM17-58	-49.417	-78.767	3863	1225	
VM17-59	-53.567	-72.483	348	80	
VM17-60	-53.800	-71.767	252	57	
VM17-61	-53.933	-71.283	386	387	Cooper (1973)
VM17-62	-52.983	-70.517	82	380	Cooper (1973)
VM17-63	-53.350	-70.617	249	831	
VM17-64	-53.383	-70.917	150	245	
VM17-65	-53.633	-70.833	241	310	
VM17-66	-53.783	-70.300	284	558	
VM17-67	-53.633	-69.917	44	167	
VM17-68	-53.483	-69.550	46	468	
VM17-69	-53.450	-69.550	27	324	
VM17-70	-53.567	-70.300	265	840	
VM17-71	-52.683	-70.083	33	288	
VM17-72	-52.733	-69.900	26	65	
VM17-73	-52.667	-69.867	22	48	
VM17-74	-52.600	-69.800	15	270	
VM17-75	-52.717	-69.733	46	245	
VM17-76	-52.817	-67.583	64	173	
VM17-77	-52.500	-68.933	46	245	Cooper (1973)
VM17-78	-52.300	-69.100	40	274	
VM17-79	-52.367	-69.333	42	190	
VM17-80	-52.650	-69.817	37	180	
VM17-81	-53.583	-70.383	134	18	
VM17-82	-53.783	-70.300	271	815	
VM17-83	-53.867	-70.367	243	577	
VM17-84	-54.017	-70.267	580	1130	
VM17-85	-54.017	-70.117	276	752	
VM17-86	-53.883	-70.233	265	111	
VM17-87	-54.350	-71.700	514	406	Cooper (1973)
VM17-88	-57.033	-74.483	4063	770	Biscaye and Dasch (1971); Conolly and Ewing (1965); Hays (1965)
VM17-89	-59.300	-74.283	4407	338	Cooper (1973)
VM17-90	-60.133	-74.933	4568	470	Biscaye and Dasch (1971)
VM17-91	-61.183	-75.933	4594	1265	Hays (1965)
VM17-92	-62.200	-75.117	4087	755	Biscaye and Dasch (1971); Hays (1965)
VM17-93	-62.033	-68.250	3922	642	Biscaye and Dasch (1971); Hays (1965)
VM17-94	-62.800	-62.100	649	382	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM17-95	-62.933	-60.617	155	329	
VM17-96	-62.550	-59.433	584	490	
VM17-97	-60.983	-60.450	4228	821	
VM17-98	-54.883	-67.950	225	572	
VM17-99	-55.117	-66.483	73	465	Cooper (1973)
VM17-100	-55.200	-66.250	55	245	Cooper (1973)
VM17-101	-55.233	-66.117	104	300	
VM17-102	-55.333	-65.867	978	408	
VM17-103	-55.467	-66.283	97	110	
VM17-104	-56.567	-62.683	4014	360	Biscaye and Dasch (1971);
VM17-105	-54.900	-60.217	770	735	
VM17-106	-54.733	-55.650	1765	1140	Bé *et al.* (1975); Goll and Bjørklund (1974)
VM17-107	-51.133	-54.367	1525	200	Biscaye and Dasch (1971); Groot *et al.* (1967); Hanna *et al.* (1976); Saito *et al.* (1974)
VM17-108	-50.300	-54.183	1507	87	
VM17-109	-41.650	-59.883	73	697	
VM17-110	-41.267	-60.050	70	447	Goll and Bjørklund (1974)
VM17-111	-40.933	-60.167	68	275	
VM17-112	-40.533	-60.317	59	404	
VM17-113	-40.183	-60.450	46	175	
VM17-116	-41.450	-59.550	71	245	
VM17-117	-41.683	-59.317	82	418	
VM17-118	-41.950	-59.050	81	278	
VM17-119	-42.250	-58.750	91	245	
VM17-121	-43.967	-52.150	5786	1190	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Clarke (1968); Conolly and Ewing (1965); Ewing and Ewing (1965); Goll and Bjorklund (1974); Groot *et al.* (1967); Hays (1965)
VM17-122	-44.550	-49.317	5340	1199	Balsam and Wolhart (1993); Biscaye and Dasch (1971)
VM17-123	-45.367	-46.967	5273	1170	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Goll and Bjorklund (1974); Groot *et al.* (1967); Mostajo (1983)
VM17-124	-48.567	-36.067	5176	290	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Biscaye and Dasch (1971); Groot *et al.* (1967); Lazarus *et al.* (1987); Saito *et al.* (1974)
VM17-125	-50.250	-35.883	4689	735	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Biscaye and Dasch (1971); Lazarus *et al.* (1987); Saito *et al.* (1974)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM17-126	-47.583	-43.350	5497	1060	Balsam and Wolhart (1993); Conolly and Ewing (1965); Groot and Groot (1964); Groot *et al.* (1967)
VM17-127	-48.050	-45.100	5954	880	Balsam and Wolhart (1993); Groot and Groot (1964); Groot *et al.* (1967); Mostajo (1983)
VM17-128	-47.100	-51.767	6046	335	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Ewing and Ewing (1965); Goll and Bjørklund (1974); Groot *et al.* (1967)
VM17-130	-45.350	-60.450	108	340	
VM17-131	-45.183	-60.917	106	230	
VM17-132	-45.033	-61.300	106	237	
VM17-133	-44.867	-61.717	102	440	
VM17-134	-44.750	-62.183	99	540	
VM17-135	-44.617	-62.667	97	215	
VM17-136	-44.583	-63.117	95	174	
VM17-137	-44.550	-63.550	91	470	
VM17-138	-44.500	-63.983	86	148	
VM17-139	-44.467	-64.417	81	136	
VM17-140	-44.483	-60.983	101	245	
VM17-141	-44.467	-60.750	102	550	
VM17-142	-44.417	-59.900	152	398	
VM17-143	-44.383	-59.883	172	152	
VM17-144	-40.567	-55.167	2503	456	Saito *et al.* (1974)

6. *Vema* 18

17 February - 16 April, 1962
Principal Investigator: M. Ewing

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM18-50	-42.000	-55.483	4737	380	Balsam and Wolhart (1993); Mostajo (1983)
VM18-52	-47.150	-60.633	426	509	
VM18-53	-47.167	-61.033	137	210	
VM18-54	-47.217	-61.500	130	245	Herzen and Langseth (1966)
VM18-55	-47.367	-62.100	137	155	Herzen and Langseth (1966)
VM18-56	-47.500	-62.650	119	310	
VM18-57	-47.700	-63.100	108	352	Ewing and Ewing (1965)
VM18-58	-47.917	-63.683	104	290	Herzen and Langseth (1966)
VM18-59	-48.150	-64.383	104	437	Herzen and Langseth (1966)
VM18-60	-48.150	-65.067	102	110	Herzen and Langseth (1966)
VM18-61	-48.100	-65.700	68	332	Herzen and Langseth (1966)
VM18-62	-53.033	-73.633	349	245	
VM18-63	-52.917	-74.067	562	938	Herzen and Langseth (1966)
VM18-64	-52.633	-74.833	57	108	
VM18-65	-52.617	-75.033	66	198	
VM18-66	-52.633	-75.267	117	147	
VM18-67	-52.683	-75.350	487	378	Herzen and Langseth (1966)
VM18-68	-54.550	-77.850	3982	1077	Boyle (1988); CLIMAP (1984); Duplessy *et al.* (1984); Duplessy *et al.* (1985); Lea and Boyle (1989)
VM18-69	-56.550	-81.750	5002	1027	Herzen and Langseth (1966)
VM18-70	-57.850	-82.283	5534	1024	Herzen and Langseth (1966)
VM18-72	-60.650	-75.567	4695	662	Bender *et al.* (1970); Berger and Pestiaux (1982); Hays (1971); Hays and Donahue (1972); Herzen and Langseth (1966); Lazarus *et al.* (1987); Opdyke (1972); Sackett *et al.* (1965)
VM18-73	-61.533	-73.283	4568	789	Herzen and Langseth (1966)
VM18-75	-62.883	-68.850	3959	365	
VM18-76	-63.250	-67.433	3792	85	Herzen and Langseth (1966)
VM18-77	-63.775	-65.670	430	182	
VM18-79	-63.633	-65.900	2738	285	
VM18-80	-63.633	-67.050	3446	351	
VM18-81	-63.767	-69.817	3590	529	Sackett *et al.* (1965)
VM18-82	-62.483	-67.267	3433	577	
VM18-83	-62.817	-65.417	3208	557	
VM18-84	-62.433	-62.633	1534	245	
VM18-85	-62.417	-62.567	2043	310	
VM18-86	-62.467	-61.300	229	324	
VM18-87	-62.417	-61.500	346	532	
VM18-88	-62.433	-61.450	198	352	Opdyke and Glass (1969)
VM18-89	-61.933	-61.800	3936	143	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM18-90	-61.917	-62.450	4779	580	
VM18-91	-61.650	-62.700	3737	334	
VM18-92	-60.283	-63.783	3903	634	
VM18-93	-59.483	-64.783	3834	531	Goll and Bjørklund (1974) Sackett *et al.* (1965)
VM18-94	-54.900	-67.633	44	444	
VM18-95	-54.900	-67.683	90	464	
VM18-96	-55.533	-65.950	2089	105	Goll and Bjorklund (1974)
VM18-98	-54.933	-57.583	364	194	Goll and Bjorklund (1974)
VM18-100	-55.183	-57.300	2631	598	Langseth *et al.* (1965)
VM18-101	-55.267	-57.250	3740	450	Langseth *et al.* (1965)
VM18-102	-55.433	-57.167	4121	230	Langseth *et al.* (1965)
VM18-103	-54.283	-54.217	2155	90	
VM18-104	-53.017	-52.867	2880	333	Berger and Pestiaux (1982); Goll and Bjorklund (1974); Groot *et al.* (1967); Hanna *et al.* (1976); Jacobs (1974); Saito *et al.* (1974)
VM18-105	-53.383	-50.517	534	214	Langseth *et al.* (1965); Saito *et al.* (1974)
VM18-106	-53.450	-50.400	2638	202	Goll and Bjorklund (1974); Saito *et al.* (1974)
VM18-108	-52.467	-47.683	3817	555	Goll and Bjorklund (1974); Langseth *et al.* (1965)
VM18-110	-53.583	-44.700	2610	572	Balsam and Deaton (1991); Goll and Bjorklund (1974); Imbrie and Kipp (1971); Langseth *et al.* (1965); Morley and Hays (1979); Prell (1985)
VM18-111	-52.800	-48.283	3100	563	Langseth *et al.* (1965)
VM18-112	-51.667	-48.483	2429	260	Groot *et al.* (1967); Hanna *et al.* (1976); Jacobs (1974); Langseth *et al.* (1965); Saito *et al.* (1974)
VM18-119	-48.850	-53.700	4009	460	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Langseth *et al.* (1965)
VM18-120	-48.600	-54.600	3411	174	Balsam and Wolhart (1993); Goll and Bjorklund (1974); McIntyre and Bé (1967); Patchett *et al.* (1984); White *et al.* (1986)
VM18-123	-45.967	-55.733	5427	442	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
VM18-124	-46.283	-55.883	5344	555	Balsam and Wolhart (1993)
VM18-125	-45.583	-57.900	3299	566	Langseth *et al.* (1965)
VM18-126	-45.667	-57.617	3499	980	Balsam and Wolhart (1993); Langseth *et al.* (1965)
VM18-127	-45.017	-58.133	4139	449	Balsam and Wolhart (1993); Langseth *et al.* (1965)
VM18-128	-44.350	-57.350	4333	470	Balsam and Wolhart (1993); Langseth *et al.* (1965); Mostajo (1983); Saito *et al.* (1974)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
V418-129	-41.700	-56.583	2039	402	Langseth *et al.* (1965); Saito *et al.* (1974)
V418-130	-41.500	-56.617	1415	115	Langseth *et al.* (1965); Saito *et al.* (1974)
V418-131	-41.450	-55.950	3168	390	Balsam and Wolhart (1993); Langseth *et al.* (1965)
V418-132	-41.483	-54.433	4889	1128	Balsam and Wolhart (1993); Opdyke (1972); Langseth *et al.* (1965)
V418-133	-41.417	-54.150	5088	1080	Goll and Bjorklund (1974); Langseth *et al.* (1965)
V418-134	-42.433	-49.867	5782	1050	Balsam and Wolhart (1993); Langseth *et al.* (1965)
V418-135	-42.733	-50.500	5574	560	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Langseth *et al.* (1965)
V418-136	-43.467	-51.450	5594	969	Balsam and Wolhart (1993); Groot *et al.* (1967)
V418-138	-45.650	-51.667	6013	378	Balsam and Wolhart (1993)
V418-139	-45.517	-51.917	6031	605	
V418-142	-44.333	-54.233	5739	218	Balsam and Wolhart (1993); Langseth *et al.* (1965)
V418-143	-44.083	-55.183	5387	580	Balsam and Wolhart (1993); Langseth *et al.* (1965)
V418-145	-41.500	-53.283	5469	530	Balsam and Wolhart (1993); Langseth *et al.* (1965)
V418-146	-40.167	-53.767	4704	840	Langseth *et al.* (1965)
V418-230	-40.717	178.700	3003	327	Booth and Burckle (1976)

7. *Eltanin* 4
5 July - 1 September, 1962
Principal Investigator: G.R. Toney

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL4-3	-46.250	-76.383	2818	998	
EL4-4	-51.100	-77.633	3865	1016	
EL4-5	-54.867	-76.750	3907	951	Kennett (1970)
EL4-6	-55.900	-61.600	4022	44	
EL4-7	-58.450	-61.083	2412	70	
EL4-9	-57.033	-63.350	3834	271	
EL4-10	-60.033	-61.833	4063	770	
EL4-11	-61.017	-62.017	3468	471	
EL4-12	-61.700	-61.267	4758	544	
EL4-13	-63.383	-64.100	3598	567	
EL4-14	-60.033	-64.900	3751	1044	
EL4-15	-57.517	-64.867	4273	337	
EL4-17	-56.100	-68.217	88	147	
EL4-18	-42.650	-74.967	3541	501	

8. *Eltanin* 5

10 September - 15 November, 1962
Principal Investigator: G.R. Toney

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL5-2	-41.000	-74.983	2388	449	
EL5-3	-44.967	-76.500	3184	1232	
EL5-4	-48.867	-76.033	1230	829	
EL5-6	-56.150	-71.917	4279	1000	
EL5-7	-57.133	-67.967	3111	286	
EL5-8	-57.150	-69.233	4260	922	
EL5-9	-58.283	-66.583	3616	25	
EL5-10	-60.100	-68.567	3056	318	
EL5-11	-59.017	-67.500	3528	553	
EL5-12	-59.317	-69.283	3605	311	
EL5-13	-59.767	-68.867	494	212	
EL5-14	-61.117	-67.867	3925	307	
EL5-15	-62.267	-67.917	3770	900	
EL5-16	-62.933	-67.883	3680	1078	
EL5-17	-63.950	-68.167	2961	1084	
EL5-18	-63.983	-67.733	2965	1323	
EL5-19	-64.900	-68.267	393	382	
EL5-20	-67.183	-74.783	2928	880	
EL5-21	-66.233	-75.017	3799	376	
EL5-22	-65.950	-70.250	373	415	
EL5-23	-65.067	-70.800	3175	1085	
EL5-24	-63.967	-71.117	3545	1157	
EL5-25	-63.200	-71.350	3779	980	
EL5-27	-61.000	-71.000	4200	133	
EL5-28	-60.000	-70.783	3982	17	
EL5-29	-59.000	-71.133	3563	10	
EL5-30	-57.983	-71.000	384	55	
EL5-31	-57.15	-70.017	3788	217	

9. *Eltanin* 6

24 November, 1962 - 23 January, 1963
Principal Investigator: G.A. Llano

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL6-1	-42.925	-75.750	3633	578	
EL6-2	-53.033	-59.867	344	184	
EL6-3	-54.067	-59.067	119	297	
EL6-4	-55.050	-58.983	2525	355	
EL6-5	-56.250	-58.983	2525	653	
EL6-6	-57.167	-58.833	3651	644	
EL6-7	-58.217	-59.733	3761	392	
EL6-8	-53.000	-55.750	1976	435	
EL6-9	-53.983	-55.967	1793	159	
EL6-10	-55.100	-55.583	2214	226	
EL6-11	-55.733	-56.050	3916	542	
EL6-12	-57.017	-56.533	3331	588	
EL6-13	-57.617	-55.917	3942	595	
EL6-14	-58.917	-56.033	3797	453	
EL6-15	-60.417	-55.483	3587	780	
EL6-16	-61.250	-56.200	249	85	
EL6-17	-62.100	-55.967	1158	611	
EL6-18	-62.617	-56.250	485	610	
EL6-19	-62.433	-58.058	1803	481	
EL6-20	-62.650	-57.867	791	659	
EL6-21	-62.717	-59.675	1043	113	
EL6-22	-62.983	-59.067	575	188	
EL6-23	-63.253	-58.733	91	59	
EL6-24	-62.783	-62.433	225	202	
EL6-25	-62.833	-61.983	677	395	
EL6-26	-61.583	-58.950	882	565	
EL6-27	-61.178	-58.883	4249	315	
EL6-28	-60.133	-59.000	3437	722	
EL6-29	-59.117	-58.933	3678	761	
EL6-30	-57.050	-59.125	3495	510	
EL6-31	-55.042	-59.017	3012	1205	
EL6-32	-54.000	-62.467	403	475	

10. *Eltanin* 7
4 February - 19 March, 1963
Principal Investigator: G. Llano

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL7-1	-53.100	-40.833	2123	1048	Burckle (1972)
EL7-2	-54.117	-45.017	3422	1230	
EL7-3	-55.050	-44.667	3495	891	
EL7-4	-55.933	-45.158	3777	952	
EL7-5	-57.183	-44.917	3404	312	
EL7-6	-58.150	-44.817	2836	1189	
EL7-7	-58.717	-44.750	2635	1030	
EL7-8	-60.117	-45.150	5289	1433	
EL7-9	-61.167	-45.208	247	159	
EL7-10	-63.250	-44.942	3803	471	
EL7-11	-66.500	-45.617	4200	71	
EL7-12	-66.558	-48.158	3751	806	
EL7-13	-64.075	-49.058	3477	872	
EL7-14	-63.033	-49.175	2928	149	
EL7-15	-61.142	-48.875	2745	1166	
EL7-16	-60.008	-49.067	3697	45	
EL7-17	-59.033	-48.978	3865	1275	
EL7-18	-53.008	-48.883	3120	420	

11. *Eltanin* 8

1 April - 19 June, 1963

Principal Investigator: W. Seelig

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL8-1	-46.792	-41.517	5664	1118	Heezen and Johnson (1965)
EL8-2	-44.883	-40.250	4586	1074	Heezen and Johnson (1965)
EL8-3	-48.133	-40.525	5534	1150	Heezen and Johnson (1965)
EL8-5	-54.233	-27.450	5197	816	Heezen and Johnson (1965)
EL8-6	-56.025	-27.667	1006	333	
EL8-7	-54.650	-25.783	4099	739	Heezen and Johnson (1965)
EL8-8	-55.200	-24.333	3953	808	Heezen and Johnson (1965)
EL8-9	-56.475	-26.225	3806	293	Heezen and Johnson (1965)
EL8-10	-57.083	-27.625	3093	315	Heezen and Johnson (1965)
EL8-11	-56.983	-26.283	3367	90	
EL8-12	-57.108	-23.000	4707	933	Heezen and Johnson (1965)
EL8-13	-54.967	-28.400	7119	819	Heezen and Johnson (1965)
EL8-14	-55.133	-26.083	7997	285	Federman *et al.* (1982); Heezen and Johnson (1965)
EL8-17	-58.250	-25.858	2073	221	Federman et al. (1982); Heezen and Johnson (1965)
EL8-18	-58.517	-22.400	4483	974	Federman et al. (1982); Heezen and Johnson (1965)
EL8-19	-60.042	-22.558	4679	1084	Federman et al. (1982); Heezen and Johnson (1965)
EL8-20	-59.617	-25.733	2827	164	Heezen and Johnson (1965)
EL8-21	-58.900	-27.358	2818	77	
EL8-23	-61.625	-29.300	3514	48	
EL8-25	-59.892	-27.667	1043	353	
EL8-26	-59.625	-24.433	6149	452	
EL8-27	-58.600	-23.783	6442	153	Federman *et al.* (1982)
EL8-28	-57.883	-23.975	6826	46	
EL8-29	-58.033	-27.892	3267	145	

12. *Eltanin* 9

1 August - 27 September, 1963
Principal Investigator: J.G. Colson, Jr.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL9-2	-50.617	-43.767	1272	545	Ciesielski and Wise (1977); Stadum and Burckle (1973)
EL9-3	-50.592	-43.708	1263	456	Ciesielski and Wise (1977); Stadum and Burckle (1973)
EL9-4	-49.833	-39.933	3038	959	Ciesielski and Wise (1977)
EL9-5	-46.833	-39.867	5097	1082	
EL9-6	-47.858	-35.083	5801	918	
EL9-8	-54.967	-38.008	823	125	
EL9-9	-56.192	-37.067	3514	1054	
EL9-10	-56.892	-37.633	3148	828	
EL9-11	-58.025	-37.900	3102	197	
EL9-12	-58.875	-37.367	2891	173	
EL9-13	-59.167	-37.258	2818	396	
EL9-14	-58.667	-36.367	1555	564	
EL9-15	-58.733	-35.467	2159	493	
EL9-16	-58.683	-33.767	3404	688	
EL9-17	-56.850	-34.433	3184	548	
EL9-18	-56.092	-34.050	3111	455	
EL9-19	-54.950	-33.767	2178	125	
EL9-20	-53.983	-33.767	2690	255	
EL9-21	-52.933	-33.850	2800	785	
EL9-22	-53.042	-37.725	3276	332	

13. *Eltanin* 10

6 October - 6 December, 1963

Principal Investigator: R.W. Mason

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL10-1	-55.192	-82.858	4813	446	
EL10-2	-55.950	-82.750	4831	1090	
EL10-3	-57.188	-82.782	4758	1063	
EL10-5	-59.368	-82.522	4941	560	
EL10-6	-61.012	-82.897	4804	284	
EL10-7	-62.232	-83.313	4721	129	
EL10-8	-63.033	-82.985	4648	248	
EL10-9	-63.882	-83.183	4557	66	
EL10-10	-64.782	-82.630	4447	335	
EL10-11	-65.967	-82.863	4319	220	
EL10-12	-64.850	-78.633	4136	370	
EL10-13	-65.000	-74.950	3843	98	
EL10-14	-64.175	-75.302	2159	144	
EL10-15	-64.092	-75.328	2104	239	
EL10-16	-62.875	-74.812	4026	352	
EL10-17	-62.048	-75.263	4392	606	
EL10-18	-61.078	-74.983	4483	708	
EL10-19	-58.950	-74.462	3843	109	
EL10-20	-57.918	-74.843	4575	513	
EL10-21	-56.955	-74.957	3770	430	
EL10-22	-56.955	-74.957	3770	535	
EL10-23	-64.050	-79.178	4264	626	
EL10-24	-62.948	-78.908	4608	444	
EL10-25	-61.945	-78.915	4721	422	
EL10-26	-61.287	-79.047	4685	198	
EL10-27	-59.850	-78.995	4813	592	
EL10-28	-58.925	-78.830	4877	1348	
EL10-29	-58.140	-79.135	4959	669	
EL10-30	-56.968	-78.878	4520	1107	
EL10-31	-56.388	-78.868	4483	596	
EL10-32	-55.307	-78.565	4154	459	

14. *Eltanin* 11

17 December, 1963 - 21 February, 1964
Principal Investigator: P.M. Smith

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL11-1	-54.907	-114.703	3477	625	Geitzenauer (1969); Luz (1977); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL11-2	-56.073	-115.093	3111	1146	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Kennett (1970); Luz (1977); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL11-3	-56.903	-115.243	4026	1141	Burckle (1984a); Burckle (1984b); Geitzenauer (1969); Kennett (1970); Luz (1977); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL11-4	-57.828	-115.208	4776	1123	Burckle (1984a); Burckle (1984b); Shemesh *et al.* (1989a)
EL11-5	-58.943	-114.720	5069	1138	
EL11-6	-59.897	-114.933	5069	1309	
EL11-7	-60.918	-114.777	5032	971	
EL11-8	-61.945	-115.158	5032	1984	
EL11-9	-62.830	-115.067	1497	2279	
EL11-10	-63.743	-114.677	5051	67	
EL11-11	-64.843	-114.472	4868	1197	Bender (1971)
EL11-12	-65.870	-115.083	4721	1880	
EL11-13	-65.817	-115.017	4731	2545	
EL11-14	-66.918	-115.483	4630	1749	
EL11-15	-69.283	-114.733	4264	1328	
EL11-16	-69.978	-115.192	3440	1040	
EL11-17	-70.172	-106.642	3459	664	
EL11-18	-70.140	-102.817	3788	1085	
EL11-19	-70.408	-99.255	3810	529	
EL11-20	-69.348	-95.133	4246	1293	
EL11-21	-68.747	-91.883	4099	245	
EL11-22	-67.940	-90.832	4145	1297	
EL11-23	-67.162	-89.657	4282	1377	
EL11-24	-65.887	-89.042	4494	1046	
EL11-25	-65.098	-86.905	4538	351	
EL11-26	-63.657	-86.933	4657	993	
EL11-27	-63.078	-87.018	4685	142	
EL11-28	-61.950	-87.355	4932	220	
EL11-29	-60.375	-80.638	4932	461	
EL11-30	-55.298	-64.840	1958	639	
EL11-31	-53.880	-65.698	91	42	
EL11-32	-53.588	-65.050	119	273	
EL11-34	-52.533	-63.867	220	250	
EL11-35	-52.512	-67.000	91	65	

15. *Robert Conrad 8*
15 January - 23 March, 1964
Principal Investigators: G. Bryan, R. Houtz

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC8-36	-40.233	28.833	4098	1054	Bé *et al.* (1973)
RC8-37	-41.316	33.216	4755	441	Morley (1989b)
RC8-38	-41.883	37.816	3784	598	Morley (1989a)
RC8-39	-42.883	42.350	4330	944	Bé *et al.* (1973); CLIMAP (1984); Cooke and Hays (1982); Duplessy and Shackleton (1984); Duplessy and Shackleton (1985); Duplessy *et al.* (1984); Hays *et al.* (1976); Howard and Prell (1984); Huntley and Wintle (1979); Huntley and Wintle (1981); Labracherie *et al.* (1989); Morley (1989a); Morley (1989b); Prell (1985); Shemesh *et al.* (1989); Wintle and Huntley (1979); Wintle and Huntley (1980)
RC8-40	-43.783	46.200	2540	641	Labracherie *et al.* (1989)
RC8-41	-43.633	51.266	2897	974	Berger and Pestiaux (1982); Labracherie *et al.* (1989); Lazarus *et al.* (1987); Saito *et al.* (1974)
RC8-42	-45.683	54.900	3915	767	Burckle (1984a); Burckle (1984b)
RC8-43	-48.683	57.366	4319	845	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Hays *et al.* (1976)
RC8-44	-51.066	60.300	4753	1111	Burckle (1984b)
RC8-45	-53.033	62.550	4546	1120	
RC8-46	-55.333	65.466	2761	504	
RC8-47	-55.050	71.783	3502	750	Opdyke and Glass (1969)
RC8-48	-53.266	76.916	1099	923	
RC8-49	-51.066	81.550	3908	956	Berger and Pestiaux (1982); Glass and Heezen (1967); Lazarus *et al.* (1987); Opdyke and Glass (1969); Saito *et al.* (1974)
RC8-50	-44.766	92.416	3219	1200	Bé *et al.* (1973); Berger and Pestiaux (1982); Johnson and Nigrini (1982); Labracherie *et al.* (1989); Lazarus *et al.* (1987); Opdyke and Glass (1969)
RC8-51	-44.033	93.883	2736	395	Johnson and Nigrini (1982); Opdyke and Glass (1969)
RC8-52	-41.100	101.416	4393	1103	Bender and Schultz (1969); Bender *et al.* (1970); Berger and Pestiaux (1982); Glass (1972); Glass and Heezen (1967); Glass

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					and Wu (1992); Hays and Donahue (1982); Hays and Opdyke (1967); Lazarus *et al.* (1987); Opdyke and Glass (1969)
RC8-61	-46.533	125.566	4254	388	Bé *et al.* (1973); Conolly and Payne (1972); Cooke and Hays (1982); Hecht *et al.* (1976); Labracherie *et al.* (1989); Morley (1989a); Opdyke and Glass (1969)
RC8-62	-49.333	127.116	3875	577	Conolly and Payne (1972); Labracherie *et al.* (1989); Opdyke and Glass (1969) NOTE: Hiatus observed in core.
RC8-63	-51.083	129.966	3442	1304	Cooke and Hays (1982); Morley (1989a); Opdyke and Glass (1969); Williams *et al.* (1977)
RC8-64	-51.500	135.850	3204	886	Conolly and Payne (1972)
RC8-69	-53.483	155.616	4303	170	Conolly and Payne (1972); Saito *et al.* (1974)
RC8-70	-58.050	155.783	3301	1050	Conolly and Payne (1972)
RC8-71	-58.050	155.733	3224	867	Berger and Pestiaux (1982); Conolly and Payne (1972); Lazarus *et al.* (1987)
RC8-72	-58.050	155.630	3584	1648	Conolly and Payne (1972)
RC8-72	-58.050	155.650	3232	813	
RC8-73	-56.000	158.766	3362	207	
RC8-74	-54.800	159.166	5236	372	
RC8-75	-53.900	164.716	2102	190	
RC8-76	-42.566	173.750	1377	184	Booth and Burckle (1976)
RC8-78	-44.783	-175.750	1756	1198	Booth and Burckle (1976); Moore (1978); Moore *et al.* (1980)
RC8-79	-46.316	-172.850	4949	1714	Booth and Burckle (1976); Moore (1978)
RC8-81	-47.950	-158.733	5130	1285	Berger and Pestiaux (1982); Lao *et al.* (1992a); Lazarus *et al.* (1987); Moore (1978); Saito *et al.* (1974)
RC8-82	-46.933	-154.250	4308	15	Moore (1978)
RC8-83	-45.883	-149.750	4738	10	Moore (1978)
RC8-84	-43.416	-141.283	4314	5	
RC8-85	-41.566	-133.200	5022	112	Moore (1978)
RC8-86	-40.050	-129.383	4852	357	Saito *et al.* (1974)

16. *Eltanin* 12

3 March - 30 April, 1964
Principal Investigator: K.N. Moulton

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL12-14	-60.565	-28.585	3210	1049	
EL12-15	-60.868	-31.103	4044	1086	
EL12-17	-59.380	-31.265	3331	1475	

17. *Eltanin* 13

13 May - 13 July, 1964
Principal Investigator: K.N. Moulton

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL13-1	-55.068	-89.745	4630	1090	Jacobs (1974)
EL13-2	-56.085	-90.050	5014	1185	
EL13-3	-57.005	-89.483	4950	1603	Burckle and Abrams (1987); Hays and Opdyke (1967); Jacobs (1974)
EL13-4	-57.770	-90.793	4703	1677	Jacobs (1974)
EL13-5	-58.818	-90.977	5032	1729	
EL13-6	-59.597	-89.468	4328	1739	
EL13-7	-61.232	-89.688	4795	1548	Bandy *et al.* (1971); Hays and Opdyke (1967)
EL13-8	-61.970	-90.137	4721	1110	
EL13-9	-63.098	-89.663	4666	1782	
EL13-10	-64.013	-89.780	4657	1838	
EL13-11	-66.393	-93.525	4597	448	
EL13-12	-66.260	-98.268	4630	884	
EL13-13	-66.197	-102.277	4740	552	Bandy *et al.* (1971)
EL13-14	-65.667	-107.055	4731	834	
EL13-15	-65.813	-112.427	4822	948	
EL13-16	-65.623	-121.305	4743	1092	
EL13-17	-65.683	-124.113	4727	2642	Burckle and Abrams (1987); Jacobs (1974); McCollum (1974)
EL13-18	-65.620	-138.267	4657	1132	
EL13-19	-64.203	-130.193	4817	878	
EL13-20	-62.017	-129.785	4310	1009	
EL13-21	-59.415	-130.568	4119	1148	
EL13-22	-58.082	-130.355	4002	560	
EL13-24	-54.417	-129.627	3459	637	

18. *Eltanin* 14

29 July - 19 September, 1964
Principal Investigator: K.N. Moulton

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL14-1	-50.027	-159.713	4954	663	Shemesh *et al.* (1989a)
EL14-2	-51.913	-159.908	4639	1195	
EL14-3	-53.895	-159.980	4279	642	
EL14-4	-54.908	-159.870	4374	660	
EL14-5	-56.200	-160.538	4053	1352	Shemesh *et al.* (1989b)
EL14-6	-57.015	-160.093	4520	1827	Burckle (1984a); Burckle (1984b); Shemesh *et al.* (1989a)
EL14-7	-58.052	-160.150	4163	830	McCollum (1974)
EL14-8	-59.667	-160.290	3880	1830	Bandy *et al.* (1971); Burckle and Abrams (1987); Hays and Opdyke (1967); Jacobs (1974); Kellogg (1975); Kellogg and Hays (1975); Lazarus *et al.* (1982); McCollum (1974); Weaver and Ciesielski (1974)
EL14-9	-60.785	-160.213	3202	483	
EL14-10	-61.965	-160.617	2287	75	
EL14-11	-62.865	-159.920	2672	30	
EL14-12	-59.915	-152.750	2672	57	
EL14-13	-60.032	-145.282	3418	486	
EL14-14	-59.957	-125.155	4648	1293	
EL14-15	-60.705	-125.210	4593	175	
EL14-16	-58.988	-125.033	4502	626	
EL14-17	-57.828	-124.947	3907	1147	

19. *Eltanin* 15

1 October - 4 December, 1964
Principal Investigator: G.R. Toney

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL15-1	-61.967	-95.000	4795	1181	
EL15-2	-60.167	-95.083	4355	122	
EL15-3	-59.088	-94.950	4612	24	
EL15-4	-59.017	-99.758	4914	526	Cooke and Hays (1982); Shemesh *et al.* (1989b)
EL15-5	-58.017	-99.983	4310	306	
EL15-6	-59.967	-101.317	4520	909	Burckle (1984a); Burckle (1984b); Lao *et al.* (1992a); Shemesh *et al.* (1989b)
EL15-7	-61.050	-99.967	5014	1377	
EL15-8	-61.067	-104.967	4864	1029	
EL15-9	-60.067	-104.733	4593	649	
EL15-11	-60.117	-109.917	4952	1700	
EL15-12	-58.683	-108.800	4575	561	Burckle (1984b)
EL15-13	-57.833	-108.650	4502	110	
EL15-15	-57.117	-119.667	4538	20	
EL15-16	-56.050	-119.917	3056	1217	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970)
EL15-18	-56.000	-134.467	3221	99	
EL15-19	-57.100	-134.683	3340	41	
EL15-21	-57.575	-138.967	2919	20	
EL15-22	-56.883	-139.650	2796	75	
EL15-23	-55.850	-139.767	2855	438	
EL15-24	-56.083	-144.817	2599	352	
EL15-25	-55.250	-145.033	3148	4	
EL15-26	-54.033	-145.300	3660	128	
EL15-27	-55.083	-149.767	3404	444	
EL15-28	-56.017	-149.817	3331	1240	

20. *Eltanin* 16
28 January - 25 February, 1965
Principal Investigator: P.M. Smith

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL16-1	-44.200	162.017	4758	595	Watkins and Kennett (1972)
EL16-2	-47.133	162.117	4469	705	Watkins and Kennett (1972)
EL16-3	-49.15	162.000	3922	458	Watkins and Kennett (1972)
EL16-4	-55.600	160.200	4154	640	Burckle and Abrams (1987); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL16-5	-56.083	159.083	3852	300	Keany and Kennett (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL16-6	-58.983	161.917	4639	630	Watkins and Kennett (1972) NOTE: Hiatus noted in core.
EL16-7	-57.267	165.533	4963	8	Watkins and Kennett (1972)
EL16-8	-56.133	169.700	5120	314	Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL16-9	-52.417	166.733	1052	563	Watkins and Kennett (1972)
EL16-11	-52.033	166.733	869	13	
EL16-12	-44.117	175.950	139	145	

21. *Eltanin* 17

12 March - 13 May, 1965
Principal Investigator: M.R. Dawson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL17-2	-55.000	-135.000	2895	21	
EL17-3	-56.017	-135.017	3170	530	
EL17-4	-56.900	-135.000	3279	292	
EL17-5	-58.983	-135.500	3678	24	
EL17-6	-60.050	-134.917	3806	352	
EL17-7	-61.083	-134.350	4438	726	
EL17-8	-62.017	-135.283	4551	1128	
EL17-9	-63.083	-135.117	4851	1545	Cooke and Hays (1982); Froelich *et al.* (1992); Lao *et al.* (1992a); Lao *et al.* (1992c); Shemesh *et al.* (1989b)
EL17-10	-65.017	-134.867	4496	1585	
EL17-11	-66.000	-134.667	4606	1950	
EL17-12	-67.133	-134.600	4520	975	
EL17-13	-68.017	-135.533	4414	295	
EL17-14	-68.117	-130.733	4193	1443	
EL17-15	-68.133	-126.750	3993	1589	Shemesh *et al.* (1989a)
EL17-16	-67.500	-124.483	4246	1076	Shemesh *et al.* (1989a)
EL17-17	-66.983	-120.050	4511	933	Burckle (1984b); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL17-18	-67.900	-110.767	4086	1935	
EL17-19	-68.067	-106.800	4268	897	Shemesh *et al.* (1989a)
EL17-20	-67.917	-103.067	4410	262	
EL17-21	-67.933	-98.867	4463	398	Shemesh *et al.* (1989a)
EL17-22	-68.933	-95.317	4332	685	
EL17-23	-67.967	-97.983	4348	1379	
EL17-25	-65.983	-94.483	4599	215	
EL17-26	-64.783	-95.117	4688	679	Shemesh *et al.* (1989a)
EL17-27	-64.300	-94.967	4740	1252	
EL17-28	-63.000	-95.100	4848	1145	
EL17-29	-62.083	-94.700	4895	1261	Burckle (1984b); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL17-30	-58.150	-94.817	3766	694	Burckle (1984b); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL17-32	-56.067	-94.817	4813	572	
EL17-33	-55.000	-94.767	4586	40	

22. *Robert Conrad 9*

25 March - 3 May, 1965
Principal Investigators: A. Lonardi, M. Langseth

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC9-105	-42.050	175.517	2489	873	Booth and Burckle (1976)
RC9-106	-44.212	179.550	931	0	Booth and Burckle (1976); Moore (1978); Core catcher failed, only 32 cm trigger weight recovered.
RC9-107	-44.217	179.567	902	565	Berger and Pestiaux (1982); Booth and Burckle (1976); Jacobs (1974); Moore (1978); Saito *et al.* (1974)
RC9-108	-45.750	-177.367	4314	1219	Booth and Burckle (1976); Moore (1978)
RC9-109	-45.133	-174.567	3502	80	Booth and Burckle (1976); Moore (1978)
RC9-110	-42.867	172.017	1917	743	Booth and Burckle (1976); Moore (1978)
RC9-130	-42.667	160.317	5026	819	Conolly (1969); Glass and Wu (1992)
RC9-131	-45.983	156.900	4603	115	Conolly (1969); Moore (1978)
RC9-132	-44.783	152.800	4709	1055	Berger and Pestiaux (1982); Conolly (1969); Conolly and Payne (1972); Lazarus *et al.* (1987); Moore (1978); Saito *et al.* (1974)
RC9-133	-45.750	148.367	4082	1095	Conolly (1969)
RC9-134	-44.083	143.783	4570	828	Moore (1978); Saito *et al.* (1974)
RC9-135	-42.200	140.767	5066	42	Glass and Wu (1992)
RC9-137	-45.017	132.750	4675	989	Berger and Pestiaux (1982); Burns (1989); Conolly and Payne (1972); Glass (1972); Glass (1976); Glass (1986); Glass and Wu (1992, 1993); Lazarus *et al.* (1987)
RC9-138	-50.400	125.367	3649	308	Conolly and Payne (1972)
RC9-139	-47.767	123.100	4158	471	Cooke and Hays (1982); Curry and Matthews (1981); Labracherie *et al.* (1989); Opdyke and Glass (1969)
RC9-140	-45.417	121.117	4400	631	Bé *et al.* (1973); Glass and Wu (1992); Labracherie *et al.* (1989); Opdyke and Glass (1969)
RC9-141	-44.300	120.100	4658	772	Opdyke and Glass (1969); Glass and Wu (1992)
RC9-142	-42.717	116.900	4294	900	Burns (1989); Glass (1986); Glass and Wu (1992); Opdyke and Glass (1969)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC9-143	-41.367	114.133	4396	1062	Burns (1989); Glass (1972); Glass (1986); Glass and Heezen (1967); Glass and Wu (1992); Labracherie *et al.* (1989); Opdyke and Glass (1969); NOTE: Hiatus observed in core.

23. *Eltanin* 18
24 May - 16 June, 1965
Principal Investigator: M.R. Dawson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL18-2	-56.050	-99.350	4593	595	
EL18-3	-56.950	-99.433	4410	1364	
EL18-4	-58.000	-99.317	4776	1276	

24. *Eltanin* 19

6 July - 3 September, 1965
Principal Investigator: M.R. Dawson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL19-1	-58.963	-99.983	4758	11	
EL19-4	-61.967	-102.788	5075	720	
EL19-5	-62.088	-104.892	4954	1318	
EL19-6	-61.933	-107.958	5067	875	
EL19-7	-67.163	-109.088	5054	1750	
EL19-8	-61.067	-109.683	5029	699	
EL19-11	-58.083	-109.788	4648	40	
EL19-14	-55.192	-110.150	3715	152	
EL19-15	-57.133	-132.600	4575	127	
EL19-21	-59.950	-139.255	3876	110	
EL19-22	-61.117	-140.470	3733	133	
EL19-24	-61.117	-142.770	3523	188	
EL19-26	-59.017	-147.610	2855	40	
EL19-27	-57.588	-150.028	2836	27	

25. *Eltanin* 20

13 September - 12 November, 1965
Principal Investigator: A.P. Crary

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL20-1	-47.033	-144.900	4840	604	
EL20-2	-49.000	-144.833	4520	867	
EL20-3	-51.117	-145.050	4099	820	
EL20-4	-52.967	-145.100	3697	32	
EL20-6	-58.083	-144.950	3124	455	
EL20-7	-59.133	-145.133	3157	180	
EL20-8	-60.167	-142.550	3495	623	
EL20-9	-60.333	-137.850	4269	195	
EL20-10	-60.200	-127.050	4474	800	
EL20-11	-57.233	-104.500	4374	738	
EL20-12	-56.067	-104.617	4246	618	
EL20-13	-55.000	-105.383	4337	782	
EL20-14	-53.683	-102.933	4227	1168	Kennett (1970)
EL20-15	-51.950	-99.717	4227	451	
EL20-16	-51.517	-102.450	4127	456	
EL20-17	-50.850	-104.933	3898	381	
EL20-18	-44.550	-111.333	2869	473	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970); Luz (1977)

26. *Eltanin* 21

23 November, 1965 - 7 January, 1966
Principal Investigator: G.R. Toney

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL21-9	-40.000	-105.067	3925	130	
EL21-10	-40.000	-109.850	3148	602	
EL21-12	-40.350	-119.583	4154	142	
EL21-13	-43.983	-120.050	3953	340	
EL21-14	-49.025	-120.075	3321	448	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970)
EL21-15	-52.017	-120.050	3001	472	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970); Luz (1977)
EL21-16	-54.083	-119.950	2983	564	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970)
EL21-17	-55.475	-119.933	2818	1006	Geitzenauer (1969); Geitzenauer (1972); Kennett (1970)
EL21-18	-56.517	-119.542	4575	814	Kennett (1970)
EL21-19	-56.458	-119.650	4246	667	
EL21-20	-60.250	-120.167	4703	1222	
EL21-21	-61.133	-120.267	4978	960	
EL21-22	-62.500	-101.933	4904	1940	
EL21-23	-62.493	-99.808	4963	718	

27. *Eltanin* 22

19 January - 16 March, 1966
Principal Investigator:

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL22-1	-57.050	-60.017	3440	425	
EL22-2	-57.917	-57.000	4026	577	
EL22-3	-58.900	-53.950	3925	259	
EL22-4	-59.033	-51.750	3473	382	
EL22-5	-57.550	-51.950	3989	597	
EL22-6	-55.900	-51.833	3953	532	
EL22-7	-53.583	-52.200	1098	66	
EL22-9	-50.983	-51.867	2050	346	
EL22-10	-50.983	-46.100	2110	190	Ciesielski and Wise (1977)
EL22-11	-51.000	-43.033	1340	455	Ciesielski and Wise (1977)
EL22-12	-51.083	-40.050	3757	800	
EL22-13	-53.100	-40.000	3751	1226	
EL22-14	-55.000	-40.017	2998	20	
EL22-15	-57.000	-39.950	3084	612	
EL22-16	-58.933	-39.817	2763	738	
EL22-17	-61.033	-39.967	2324	97	
EL22-18	-63.150	-39.683	4282	836	
EL22-19	-61.983	-37.983	3843	627	
EL22-20	-60.050	-35.983	2123	420	
EL22-21	-60.083	-29.867	2873	223	
EL22-22	-61.050	-26.233	3171	283	
EL22-23	-62.433	-19.050	4926	641	
EL22-24	-63.033	-14.967	5014	1252	
EL22-25	-60.083	-14.867	4136	608	
EL22-26	-55.033	-14.767	3880	1213	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
EL22-27	-55.367	-18.900	3504	860	
EL22-28	-55.867	-22.267	4191	1115	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
EL22-29	-56.533	-24.467	4174	394	
EL22-30	-56.350	-35.117	3528	420	
EL22-31	-56.167	-38.633	3074	612	
EL22-32	-55.933	-42.567	3422	509	
EL22-33	-55.633	-49.033	3839	463	
EL22-34	-53.383	-52.900	3587	58	

28. *Vema* 22

22 March - 1 April, 1966
Principal Investigator: X. LePichon

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM22-86	-41.600	-46.450	5110	1198	Balsam and Deaton (1991); Balsam and Wolhart (1993); Biscaye and Dasch (1971); Cooke and Hays (1982); Mostajo (1983)
VM22-87	-43.500	-42.750	5169	1377	Balsam and Wolhart (1993); Biscaye and Dasch (1971)
VM22-88	-45.067	-40.333	4980	1637	Balsam and Wolhart (1993); Biscaye and Dasch (1971); Lazarus *et al.* (1987); Saito *et al.* (1974)
VM22-90	-49.600	-42.750	2288	258	Ciesielski *et al.* (1982); Ciesielski and Wise (1977); Malmgren (1983)
VM22-91	-49.583	-42.733	2635	50	Ciesielski *et al.* (1982); Ciesielski and Wise (1977)
VM22-92	-50.100	-42.933	1686	147	Ciesielski *et al.* (1982); Ciesielski and Wise (1977); Lazarus *et al.* (1987); MacDonald and Anderson (1986)
VM22-93	-50.783	-43.167	1320	265	Ciesielski and Wise (1977)
VM22-94	-51.517	-43.500	2164	426	Ciesielski and Wise (1977); Ciesielski and Wise (1977); Malmgren (1983); Malmgren (1985); Saito *et al.* (1974)
VM22-95	-53.050	-44.083	2172	480	
VM22-96	-52.650	-43.367	3005	153	
VM22-101	-49.150	-26.000	4506	1157	Balsam and Wolhart (1993)
VM22-102	-50.183	-22.400	4319	896	Balsam and Wolhart (1993)
VM22-103	-49.833	-21.400	3871	864	Balsam and Wolhart (1993); Mostajo (1983)
VM22-104	-49.000	-19.483	4321	1322	Balsam and Wolhart (1993)
VM22-106	-46.133	-10.910	3037	965	Goll (1976); Labracherie *et al.* (1989); Lazarus *et al.* (1987); Saito *et al.* (1974)
VM22-107	-44.467	-6.633	3898	1045	Labracherie *et al.* (1989); Lazarus *et al.* (1987); Mostajo (1983)
VM22-108	-43.183	-3.250	4171	973	Charles *et al.* (1991); Cooke and Hays (1982); Duplessy and Shackleton (1984); Froelich *et al.* (1992); Hays *et al.* (1976a); Labracherie *et al.* (1989); Morley and Hays (1979); Mortlock *et al.* (1991); Mostajo (1983); Shemesh *et al.* (1989a)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM22-109	-41.967	-0.250	733	350	Goll and Bjørklund (1974)
VM22-124	-40.033	25.300	2624	1876	Goll and Bjørklund (1974); Saito *et al.* (1974); Tucholke and Carpenter (1977)
VM22-125	-40.533	25.650	2694	312	Goll and Bjørklund (1974); Lazarus *et al.* (1987); Tucholke and Carpenter (1977)
VM22-126	-41.167	26.500	2791	300	Tucholke and Carpenter (1977)
VM22-127	-41.300	26.717	2932	230	Goll and Bjørklund (1974); Saito and Donk (1974); Tucholke and Carpenter (1977)
VM22-128	-40.483	26.750	2487	460	Goll and Bjørklund (1974); Saito *et al.* (1974); Tucholke and Carpenter (1977)
VM22-129	-40.317	26.350	2345	225	Goll and Bjørklund (1974); Lazarus *et al.* (1987); Tucholke and Carpenter (1977)
VM22-130	-40.133	25.700	2428	245	Goll and Bjørklund (1974); Saito *et al.* (1974); Tucholke and Carpenter (1977)
VM22-131	-40.000	25.033	2801	134	Goll and Bjørklund (1974); Saito *et al.* (1974); Tucholke and Carpenter (1977)

29. *Eltanin* 23

31 March - 28 May, 1966
Principal Investigator: C.L. Robertson, Jr.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL23-1	-63.517	-94.050	4795	253	
EL23-2	-62.367	-95.533	4910	555	
EL23-3	-61.483	-95.967	4465	611	
EL23-4	-60.500	-95.083	4923	1149	
EL23-5	-62.450	-101.500	4831	1540	
EL23-6	-63.800	-101.767	4870	1803	
EL23-8	-59.467	-102.117	4483	608	
EL23-9	-58.817	-100.583	4758	1252	
EL23-10	-58.300	-107.167	4690	514	
EL23-11	-60.050	-108.483	5078	1204	
EL23-12	-61.483	-109.433	5032	1551	
EL23-13	-62.467	-109.117	5032	1715	
EL23-14	-63.817	-108.850	4959	1981	
EL23-15	-64.050	-115.850	4868	1660	
EL23-16	-62.150	-114.667	5038	1672	
EL23-17	-60.217	-114.650	5029	1136	
EL23-18	-58.983	-115.000	5276	607	
EL23-19	-57.600	-115.150	4026	960	Jacobs (1974)

30. *Eltanin* 24

9 July - 9 September, 1966
Principal Investigator: Wm. T. Austin

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL24-2	-40.000	-150.000	6899	538	
EL24-3	-42.600	-147.983	5215	1011	
EL24-4	-45.017	-145.283	4978	957	
EL24-5	-42.567	-144.950	5278	1127	
EL24-6	-40.167	-144.767	5283	1093	
EL24-7	-41.550	-142.333	5097	1102	
EL24-8	-42.883	-134.650	5014	525	
EL24-9	-40.583	-135.133	4840	624	
EL24-11	-40.000	-132.583	4877	330	
EL24-12	-42.000	-130.000	4978	1090	

31. *Eltanin* 25

24 September - 20 November, 1966
Principal Investigator: A.P. Carey

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL25-4	-41.967	-81.950	3605	18	
EL25-5	-41.333	-78.583	3766	275	
EL25-7	-50.100	-94.900	4568	1219	
EL25-8	-50.033	-100.033	4072	345	
EL25-9	-50.067	-105.117	3843	597	
EL25-10	-50.100	-114.783	2891	612	Luz (1977)
EL25-11	-50.033	-127.517	3971	649	
EL25-12	-60.567	-127.750	4429	598	
EL25-13	-61.483	-127.583	4282	120	
EL25-14	-63.033	-128.200	4881	1007	
EL25-15	-64.517	-145.983	3777	380	
EL25-16	-56.150	-156.217	3623	606	
EL25-17	-43.367	175.000	146	584	
EL25-18	-43.350	174.900	348	469	
EL25-19	-43.300	174.567	472	474	
EL25-20	-43.083	174.967	293	43	
EL25-21	-43.083	174.967	317	111	
EL25-22	-42.533	175.267	1903	226	

32. *Eltanin* 26

29 November - 19 December, 1966
Principal Investigator: N. Vartikos

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL26-3	-41.950	160.042	4839	396	Watkins and Kennett (1972)
EL26-4	-45.057	160.067	4813	1634	Watkins and Kennett (1972)

33. Eltanin 27
31 December, 1966 - 1 March, 1967
Principal Investigator: G.A. Llano

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL27-1	-63.000	177.708	3358	489	Burckle (1984b); Watkins and Kennett (1972)
EL27-2	-66.025	176.430	3499	1760	Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL27-3	-66.067	176.500	3539	2173	Watkins and Kennett (1972)
EL27-4	-68.048	174.592	3451	1991	Watkins and Kennett (1972)
EL27-5	-71.507	171.250	351	349	
EL27-6	-72.537	171.560	348	43	Burckle (1984b)
EL27-7	-73.518	171.405	540	536	Fillon (1972); NOTE: Hiatus noted in core.
EL27-8	-74.625	170.480	285	38	Fillon (1972); NOTE: Hiatus noted in core.
EL27-9	-75.445	168.872	348	96	Fillon (1972); NOTE: Hiatus noted in core.
EL27-10	-76.025	178.325	485	965	Fillon (1972); NOTE: Hiatus noted in core.
EL27-12	-77.233	169.072	930	501	
EL27-13	-77.340	172.580	668	29	Fillon (1972); NOTE: Hiatus noted in core.
EL27-14	-77.627	175.377	723	394	
EL27-15	-77.812	177.457	759	89	
EL27-16	-74.842	-174.558	2187	350	
EL27-17	-74.643	-175.350	2278	370	Fillon (1972); NOTE: Hiatus noted in core.
EL27-19	-72.843	179.012	1793	551	Fillon (1972); NOTE: Hiatus noted in core.
EL27-20	-71.958	178.600	2137	326	
EL27-21	-69.033	179.833	3459	1608	Watkins and Kennett (1972)
EL27-22	-64.970	160.623	2946	808	Watkins and Kennett (1972)
EL27-23	-59.618	155.238	3184	953	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL27-24	-59.087	157.048	3102	576	Watkins and Kennett (1972)
EL27-25	-57.932	143.722	3495	68	
EL27-26	-54.495	158.973	31	240	
EL27-28	-51.890	150.340	4257	47	
EL27-29	-47.000	147.863	930	405	
EL27-30	-45.067	147.228	3554	452	

34. *Robert Conrad* 11

7 February - 20 March, 1967
Principal Investigators: X. LePichon, G. Dickson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC11-45	-40.183	-33.600	5035	1397	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC11-46	-43.367	-36.100	5179	1670	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC11-47	-43.350	-38.650	5201	1360	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Mostajo (1983)
RC11-48	-41.617	-42.467	5170	1399	Balsam and Wolhart (1993); Mostajo (1983); Goll and Bjørklund (1974)
RC11-49	-40.333	-45.417	5134	1592	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC11-61	-40.500	-50.167	5438	900	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC11-62	-42.933	-50.150	5574	355	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC11-63	-49.250	-49.850	5898	312	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-64	-48.233	-46.833	6015	1173	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-65	-47.033	-43.683	5435	1574	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Morley (1979); Mostajo (1983); Sachs and Ellwood (1988)
RC11-66	-47.983	-43.117	5821	974	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-67	-48.667	-42.633	5760	1142	Goll and Bjørklund (1974)
RC11-68	-49.467	-41.550	5521	980	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-69	-48.900	-41.000	5492	949	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Morley (1979); Sachs and Ellwood (1988)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC11-70	-48.917	-38.617	5338	980	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-71	-49.133	-37.417	5537	1036	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-72	-48.850	-30.867	5561	1201	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988); Saito *et al.* (1974)
RC11-73	-49.067	-29.233	5321	620	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-74	-49.800	-29.500	4865	589	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC11-75	-55.083	-25.550	5260	0	Goll and Bjorklund (1974); NOTE: 35 cm trigger weight only.
RC11-76	-54.383	-22.133	5229	1026	Balsam and Wolhart (1993); Burckle (1984b); Cooke and Hays (1982); DeMaster *et al.* (1988); Froelich *et al.* (1992); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Morley and Hays (1979); Mortlock *et al.* (1991); Sachs and Ellwood (1988); Shemesh *et al.* (1989b); Shemesh *et al.* (1995)
RC11-77	-53.050	-16.450	4098	825	Balsam and Wolhart (1993); Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Froelich *et al.* (1992); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Morley and Hays (1979); Mortlock *et al.* (1991); Sachs and Ellwood (1988); Shemesh *et al.* (1995)
RC11-78	-50.867	-9.867	3115	1063	Balsam and Wolhart (1993); Burckle (1984b); Burckle and Cooke (1983); Cooke and Hays (1982); Froelich *et al.* (1992); Goll and Bjorklund (1974); Hays (1977); Labracherie *et al.* (1989);

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					Ledbetter (1986); Ledbetter and Klaus (1987); Molfino *et al.* (1982); Morley (1979); Mortlock *et al.* (1991); Pichon *et al.* (1987); Sachs and Ellwood (1988); Shemesh *et al.* (1989a); Shemesh *et al.* (1995)
RC11-79	-49.000	-4.600	3385	154	Burckle (1984b); Labracherie *et al.* (1989)
RC11-80	-46.750	-0.050	3656	783	Cooke and Hays (1982); Goll and Bjørklund (1974); Hays (1977); Molfino *et al.* (1982); Morley (1979); Morley and Hays (1979); Pichon *et al.* (1987); Pichon *et al.* (1992)
RC11-81	-43.900	5.217	4704	611	Berger and Pestiaux (1982); Goll and Bjørklund (1974); Lazarus *et al.* (1987)
RC11-82	-43.483	5.950	4609	1050	Berger and Pestiaux (1982); Goll and Bjørklund (1974); Lazarus *et al.* (1987)
RC11-83	-41.070	9.717	4718	1528	Berger and Pestiaux (1982); Goll and Bjørklund (1974); Charles and Fairbanks (1992); Cooke and Hays (1982); Hays (1977); Morley and Hays (1979); Shackleton (1977)
RC11-88	-41.183	20.133	5125	743	Berger and Pestiaux (1982); Goll and Bjørklund (1974); Lazarus *et al.* (1987)
RC11-89	-52.500	23.250	3010	635	Goll and Bjørklund (1974); King (1977)
RC11-90	-56.633	25.717	5334	1082	Berger and Pestiaux (1982); Burckle (1984b); Lazarus *et al.* (1987); Goll and Bjørklund (1974); Goll and Bjørklund (1974); Pichon *et al.* (1992); Saito *et al.* (1974)
RC11-91	-56.567	34.183	5373	1079	Cooke and Hays (1982); Shemesh *et al.* (1989b)
RC11-93	-56.300	51.967	5373	955	
RC11-94	-54.483	53.050	4303	1103	Cooke and Hays (1982); Shemesh *et al.* (1994)
RC11-96	-50.467	59.583	4839	968	Cooke and Hays (1982); Hays (1977); Morley (1980); Shemesh *et al.* (1989b)
RC11-97	-50.317	61.200	4638	975	Burckle (1984b); Cooke and Hays (1982); Hays (1977); Shemesh *et al.* (1989b); Shemesh *et al.* (1994)
RC11-98	-47.650	61.483	4292	175	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC11-99	-46.517	-61.033	4449	866	Burckle (1984b); Johnson and Nigrini (1980); Morley (1989a)
RC11-100	-44.833	60.867	4742	868	Berger and Pestiaux (1982); Johnson and Nigrini (1980); Lazarus *et al.* (1987); Morley (1989a); Morley (1989b)
RC11-101	-44.067	59.833	4806	805	Berger and Pestiaux (1982); Corliss (1983); Hays (1971); Hays and Donahue (1974); Lazarus *et al.* (1987); Saito *et al.* (1974)
RC11-102	-43.700	58.800	4709	1132	Berger and Pestiaux (1982); Johnson and Nigrini (1980); Lazarus *et al.* (1987); Morley (1989a); Morley (1989b); Saito *et al.* (1974)
RC11-103	-43.033	57.350	4673	507	Corliss (1983);
RC11-104	-40.917	57.650	4885	1126	Johnson and Nigrini (1980);
RC11-119	-40.300	74.567	3709	483	Hays (1977); Morley (1989a); Pichon *et al.* (1992)
RC11-120	-43.517	79.867	3193	954	Bé *et al.* (1973); Berger and Pestiaux (1982); Berggren *et al.* (1980); Boyle (1988); Boyle (1992); Briskin and Harrell (1980); Broecker (1986); Broecker *et al.* (1988); Burckle *et al.* (1978); Charles *et al.* (1991); CLIMAP (1984); Cooke and Hays (1982); Curry *et al.* (1988); Duplessy and Shackleton (1984); Duplessy *et al.* (1984); Fillon and Duplessy (1980); Hays (1977); Hays *et al.* (1976a); Hays *et al.* (1976b); Hecht *et al.* (1976); Howard and Prell (1984); Howard and Prell (1992); Imbrie and Imbrie (1980); Imbrie *et al.* (1984); Imbrie *et al.* (1989); Imbrie *et al.* (1992); Imbrie *et al.* (1993); Kent (1982); Kukla *et al.* (1981); Labeyrie *et al.* (1986); Lea and Boyle (1989); Lea and Boyle (1990); Martinson *et al.* (1987); Morley (1980); Morley (1989a); Morley (1989b); Morley and Hays (1979); Morley and Hays (1991); Oppo and Fairbanks (1989); Prell (1985); Prell *et al.* (1986); Ruddiman (1985); Sarnthein and Winn (1988); Shackleton (1977); Shackleton *et al.* (1983); Sowers

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
					et al. (1993); Williams *et al.* (1977)

35. *Eltanin* 32

30 December, 1967 - 29 February, 1968
Principal Investigator: K.N. Moulton

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL32-1	-65.992	174.958	3488	521	Watkins and Kennett (1972)
EL32-2	-67.365	178.803	3676	1036	Watkins and Kennett (1972)
EL32-3	-72.000	174.400	1687	263	
EL32-4	-72.297	177.650	2031	305	Fillon (1972); NOTE: Hiatus noted in core.
EL32-5	-73.020	176.883	838	378	
EL32-6	-73.067	173.938	353	180	Fillon (1972); NOTE: Hiatus noted in core.
EL32-7	-73.000	171.917	571	446	Burckle (1984b); Fillon (1972); NOTE: Hiatus noted in core.
EL32-8	-73.967	176.117	580	540	Burckle (1984b); Fillon (1972); NOTE: Hiatus noted in core.
EL32-9	-74.100	179.167	260	102	Fillon (1972); NOTE: Hiatus noted in core.
EL32-10	-75.403	-174.217	1235	860	Fillon (1972); NOTE: Hiatus noted in core.
EL32-11	-75.033	-176.267	1510	284	
EL32-12	-75.000	-176.900	348	88	
EL32-13	-74.955	172.163	538	297	Burckle (1984b)
EL32-14	-75.000	168.467	331	179	Burckle (1984b)
EL32-15	-75.992	172.000	571	149	
EL32-16	-75.973	178.137	509	390	Fillon (1972); NOTE: Hiatus noted in core.
EL32-17	-76.000	-177.817	597	432	McCollum (1974)
EL32-18	-77.050	-178.042	564	421	
EL32-19	-77.017	168.683	906	151	
EL32-20	-77.585	174.918	728	159	
EL32-21	-77.933	178.013	681	297	
EL32-23	-78.383	-173.117	472	268	
EL32-24	-78.400	-169.133	567	433	Fillon (1972); NOTE: Hiatus noted in core.
EL32-25	-78.522	-164.412	598	303	
EL32-26	-78.072	-162.390	608	247	
EL32-27	-77.778	-160.628	673	148	
EL32-28	-76.433	-170.343	586	96	
EL32-29	-76.473	-173.745	481	390	
EL32-30	-77.667	-176.887	604	280	
EL32-32	-76.967	-171.117	430	483	Fillon (1972); NOTE: Hiatus noted in core.
EL32-33	-75.725	-168.653	612	480	
EL32-34	-76.017	-164.683	1157	145	
EL32-35	-77.052	-166.690	408	265	Fillon (1972); NOTE: Hiatus noted in core.
EL32-36	-77.633	-167.817	558	475	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL32-37	-77.652	-162.833	608	360	Fillon (1972); NOTE: Hiatus noted in core.
EL32-38	-76.983	-161.933	529	57	
EL32-40	-74.083	-175.117	2297	372	
EL32-41	-73.338	-175.113	2891	800	
EL32-42	-73.057	-177.917	619	280	Fillon (1972); NOTE: Hiatus noted in core.
EL32-43	-72.453	176.983	1868	359	
EL32-44	-71.385	171.585	522	584	
EL32-46	-70.253	177.153	3312	1023	
EL32-47	-68.067	176.167	3431	1100	Watkins and Kennett (1972)
EL32-48	-67.000	176.267	3528	1629	Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL32-49	-65.975	176.418	3504	1526	Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL32-51	-55.950	176.950	4871	760	Watkins and Kennett (1972)

36. *Eltanin* 33

22 March - 19 May, 1968
Principal Investigator: T.B. Armstrong

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL33-1	-60.578	-171.780	3843	308	
EL33-2	-67.000	-164.567	3294	436	
EL33-3	-68.077	-159.898	3550	943	
EL33-4	-68.813	-156.183	3934	1030	
EL33-5	-65.020	-139.718	4337	915	
EL33-6	-67.125	-136.750	4483	255	
EL33-7	-64.617	-136.608	4172	175	
EL33-9	-69.325	-131.360	3861	300	
EL33-10	-69.535	-125.292	3367	446	
EL33-11	-70.100	-122.260	3642	379	
EL33-12	-70.000	-120.167	2617	170	
EL33-13	-68.950	-120.240	4002	1003	
EL33-14	-67.983	-120.092	4209	1113	
EL33-15	-65.113	-120.242	4849	1152	
EL33-16	-63.237	-120.018	4917	1512	
EL33-17	-62.092	-119.837	4974	685	
EL33-18	-61.088	-119.767	4666	1549	
EL33-19	-59.855	-119.665	4392	477	
EL33-20	-59.023	-119.830	4831	870	
EL33-21	-56.442	-110.800	4099	497	
EL33-22	-54.937	-120.000	2745	1094	Geitzenauer (1972)

37. *Eltanin* 34

28 May - 31 July, 1968
Principal Investigator: J.R. Twiss, Jr.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL34-1	-53.923	169.987	1041	612	
EL34-2	-56.998	169.835	5194	0	Bagged sample, Mn nodules only.
EL34-3	-60.025	167.300	4520	564	Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-4	-60.250	159.883	3257	389	
EL34-5	-57.388	159.993	3797	1233	Hambos and Burckle (1985); Kennett and Brunner (1973); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-6	-51.368	159.940	3880	591	Kennett and Brunner (1973); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-7	-38.285	160.238	4538	1206	Watkins and Kennett (1972)
EL34-8	-41.745	152.250	4773	1068	
EL34-9	-45.337	146.100	2745	592	Watkins and Kennett (1972)
EL34-10	-44.500	149.960	2855	1194	Watkins and Kennett (1971) Watkins and Kennett (1972)
EL34-11	-45.215	147.790	3934	1478	Watkins and Kennett (1972)
EL34-12	-45.187	147.802	3934	2378	Geitzenauer (1972); Watkins and Kennett (1972)
EL34-13	-45.192	145.070	3971	0	Conolly and Payne (1972); Bagged sample, Mn nodules only.
EL34-14	-52.198	145.067	3267	306	Conolly and Payne (1972); Keany and Kennett (1972); Scott *et al.* (1972); Watkins and Kennett (1972); NOTE: Hiatus noted.
EL34-15	-56.677	145.012	2489	0	Conolly and Payne (1972); Bagged sample, Mn nodules only.
EL34-16	-58.117	144.938	3550	590	Conolly and Payne (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-17	-60.195	144.667	3856	593	Conolly and Payne (1972); Watkins and Kennett (1972)
EL34-18	-60.000	134.870	4509	1216	McCollum (1974); Payne and Conolly (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-19	-56.667	135.218	4019	591	Conolly and Payne (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL34-20	-54.170	135.212	3989	606	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL34-21	-52.082	135.100	3369	0	Bagged sample, Mn nodules only.
EL34-22	-50.343	135.025	2910	0	Bagged sample, Mn nodules only.

38. *Eltanin* 35

12 August - 8 October, 1968
Principal Investigator: M.L. Fields

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL35-1	-48.267	131.850	4132	0	Bagged sample, Mn nodules only.
EL35-2	-49.987	131.605	3367	583	Scott *et al.* (1972); Watkins and Kennett (1972)
EL35-3	-53.138	130.470	3770	555	Conolly and Payne (1972); Keany and Kennett (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL35-4	-56.868	129.635	4597	1112	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL35-5	-56.050	128.180	4493	591	Payne and Conolly (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL35-6	-53.202	128.097	3999	610	Conolly and Payne (1972); Glass and Wu (1993); Keany and Kennett (1972); Watkins and Kennett (1972)
EL35-7	-49.968	128.073	3880	604	Conolly and Payne (1972); Morley (1989a); Watkins and Kennett (1972)
EL35-8	-47.603	128.012	2037	0	Bagged sample, Mn nodules only.
EL35-9	-45.053	128.017	5179	575	Conolly and Payne (1972); Glass (1972, 1976); Glass and Wu (1992); Watkins and Kennett (1972)
EL35-10	-41.978	127.997	4868	967	Conolly and Payne (1972); Watkins and Kennett (1972)
EL35-15	-52.940	116.992	3766	610	Watkins and Kennett (1972)
EL35-16	-53.193	116.958	4300	1220	Scott *et al.* (1972); Watkins and Kennett (1972)
EL35-17	-58.083	117.017	4474	171	Payne and Conolly (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL35-18	-58.492	117.425	4538	799	

39. *Eltanin* 36

18 October - 18 December, 1968
Principal Investigator: W. Seelig

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL36-1	-40.860	140.015	5042	1205	
EL36-2	-43.538	140.083	4557	100	Conolly and Payne (1972)
EL36-3	-44.983	139.858	4374	0	Bagged sample, Mn nodules only.
EL36-4	-48.133	140.133	4538	0	Bagged sample, Mn nodules only.
EL36-5	-53.027	139.987	2965	291	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL36-6	-54.540	140.052	3358	298	Conolly and Payne (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-8	-58.092	139.910	4374	296	Conolly and Payne (1972); McCollum (1974); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-10	-61.615	140.243	4209	560	Payne and Conolly (1972); Watkins and Kennett (1972)
EL36-11	-60.623	142.078	4268	58	
EL36-12	-61.752	149.552	4059	610	Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-14	-58.093	150.240	3056	602	Conolly and Payne (1972); Keany and Kennett (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-15	-56.583	150.278	3519	590	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-16	-55.137	149.992	3825	598	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-17	-54.030	150.073	3953	614	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-18	-53.017	149.997	3880	587	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-20	-50.775	150.455	3865	537	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL36-21	-49.467	149.143	3848	495	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-22	-47.567	148.050	1103	506	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-23	-43.887	150.053	2535	550	Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-24	-43.997	155.000	4551	610	Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-26	-47.863	155.092	4694	1224	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-27	-49.705	154.905	4538	1154	Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-28	-49.817	154.883	4429	595	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-29	-53.000	155.167	3907	500	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-30	-54.067	155.000	4090	577	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-31	-55.000	155.000	4273	493	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-32	-56.883	155.000	3642	450	Conolly and Payne (1972)
EL36-33	-57.772	154.917	3435	596	Conolly and Payne (1972) Watkins and Kennett (1971); Watkins and Kennett (1972); Weaver and Ciesielski (1974); NOTE: Hiatus noted in core.
EL36-34	-60.000	155.042	2796	509	Conolly and Payne (1972); Keany and Kennett (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL36-35	-62.752	154.982	3495	588	Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-36	-60.388	157.533	2818	597	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL36-37	-58.667	159.517	3880	525	Watkins and Kennett (1972); NOTE: Hiatus noted in core.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL36-38	-56.467	161.758	4132	1209	Boltovskoy (1987); Boltovskoy and Vrba (1988, 1989); Watkins and Kennett (1972)
EL36-39	-54.038	164.428	3001	113	
EL36-40	-52.940	165.405	783	320	
EL36-41	-51.945	166.387	952	304	
EL36-42	-51.928	167.133	3909	507	Watkins and Kennett (1972)
EL36-43	-50.000	168.127	567	100	

40. *Robert Conrad* 12

19 November, 1968 - 14 February, 1969
Principal Investigators: R. Houtz, A. Lonardi, G. Bryan

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC12-219	-41.700	-154.617	5004	1243	Moore (1978)
RC12-220	-43.700	-151.283	5293	1431	Moore (1978)
RC12-221	-46.417	-146.050	5024	769	Moore (1978)
RC12-225	-53.667	-123.133	2964	349	Burckle *et al.* (1978); Cooke and Hays (1982); Luz (1977); Moore (1978); Moore *et al.* (1980); Morley (1980); Shemesh *et al.* (1989a)
RC12-226	-54.483	-117.733	2842	31	
RC12-229	-55.350	-94.417	5284	786	Berger and Pestiaux (1982); King (1975); Lazarus *et al.* (1987)
RC12-230	-55.050	-88.950	4685	1050	Moore (1978); Shemesh *et al.* (1989a)
RC12-231	-55.533	-82.950	5349	949	
RC12-233	-56.833	-66.933	1866	210	Goll and Bjørklund (1974)
RC12-234	-55.150	-64.000	2027	413	Balsam and Deaton (1991); Prell (1985)
RC12-235	-50.433	-54.133	1525	407	Goll and Bjørklund (1974)
RC12-236	-48.217	-58.600	1397	130	
RC12-237	-47.767	-57.650	3652	445	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Jacobs (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988); Saito *et al.* (1974)
RC12-238	-47.350	-54.933	5691	921	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-239	-44.717	-51.200	5773	1162	Balsam and Wolhart (1993)
RC12-240	-43.917	-56.733	4876	439	
RC12-241	-43.467	-57.667	3499	600	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Heusser and Wingenroth (1984); Lazarus *et al.* (1987); Molfino *et al.* (1982); Morley (1979); Morley (1980); Morley and Hays (1979); Prell (1985); Saito *et al.* (1974)
RC12-242	-43.467	-57.667	3638	219	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Saito *et al.* (1974)
RC12-243	-40.850	-54.483	4689	567	Balsam and Wolhart (1993); Maynard (1984); Ninkovich *et al.* (1978)
RC12-245	-45.033	-41.117	99	159	Maynard (1984)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC12-250	-40.150	-53.133	5125	1067	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Mostajo (1983)
RC12-251	-41.200	-51.050	5554	600	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC12-252	-42.083	-89.283	5438	1163	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC12-253	-44.167	-46.517	5128	1725	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Goll and Bjørklund (1974); Lazarus *et al.* (1987)
RC12-254	-45.033	-44.117	4786	1063	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-255	-46.033	-40.100	5358	1127	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-256	-45.983	-36.400	5455	1174	Goll and Bjorklund (1974)
RC12-257	-44.383	-26.250	4533	1215	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC12-258	-43.400	-28.883	4427	966	Goll and Bjorklund (1974); Mostajo (1983)
RC12-259	-42.800	-31.767	4689	1219	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC12-260	-42.133	-34.550	4934	1571	Goll and Bjørklund (1974)
RC12-261	-42.000	-38.133	5209	1000	Goll and Bjorklund (1974)
RC12-262	-40.933	-36.000	5037	1025	Balsam and Wolhart (1993); Goll and Bjorklund (1974)
RC12-263	-41.050	-33.300	5020	1229	Goll and Bjørklund (1974)
RC12-264	-41.017	-30.283	4761	826	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC12-265	-40.900	-26.850	4395	883	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC12-280	-40.683	-54.117	4804	433	Balsam and Wolhart (1993)
RC12-281	-43.817	-54.450	5530	487	Balsam and Wolhart (1993)
RC12-282	-46.283	-53.600	5986	526	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-283	-46.467	-49.683	6002	1121	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-284	-47.467	-44.867	5801	962	
RC12-285	-43.983	-39.950	5114	1106	Balsam and Wolhart (1993); Goll and Bjorklund (1974); Mostajo (1983)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC12-286	-43.950	-35.283	5209	1548	Balsam and Wolhart (1993)
RC12-287	-44.433	-31.100	4757	940	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC12-288	-46.600	-26.817	4786	1190	Balsam and Wolhart (1993); Goll and Bjørklund (1974); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC12-289	-47.900	-23.700	4484	1021	Balsam and Wolhart (1993); Cooke and Hays (1982); Goll and Bjørklund (1974); Hays *et al.* (1976); Ledbetter (1986); Ledbetter and Klaus (1987); Morley (1979); Morley (1980); Sachs and Ellwood (1988); Shemesh *et al.* (1989b)
RC12-290	-45.650	-20.550	4276	1022	Balsam and Wolhart (1993); Goll and Bjørklund (1974)
RC12-291	-42.583	-17.800	3508	988	Balsam and Deaton (1991); Goll and Bjørklund (1974); Labracherie *et al.* (1989); Molfino *et al.* (1982); Prell (1985)

41. *Eltanin* 37

10 January - 3 March, 1969
Principal Investigator: A.L. Gordon

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL37-1	-58.200	157.500	5673	102	
EL37-2	-65.258	155.967	3193	1056	Payne and Conolly (1972)
EL37-3	-64.583	152.383	3309	407	
EL37-4	-64.828	150.487	3127	590	Payne and Conolly (1972); Scott *et al.* (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL37-5	-65.510	147.383	2992	1179	Payne and Conolly (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL37-6	-66.082	145.018	201	125	Payne and Conolly (1972)
EL37-7	-65.018	144.953	3157	1198	Payne and Conolly (1972)
EL37-8	-64.858	142.417	3038	260	Payne and Conolly (1972)
EL37-9	-65.552	141.095	1308	158	Payne and Conolly (1972)
EL37-10	-65.223	137.880	2251	579	Payne and Conolly (1972)
EL37-11	-64.520	138.000	3120	817	Payne and Conolly (1972)
EL37-13	-64.672	132.977	1334	123	Payne and Conolly (1972)
EL37-14	-63.918	132.458	3290	514	Payne and Conolly (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL37-15	-64.048	130.253	3276	282	Payne and Conolly (1972)
EL37-16	-63.970	127.447	3843	235	Payne and Conolly (1972)
EL37-17	-63.060	127.100	4297	498	Payne and Conolly (1972); Scott *et al.* (1972)
EL37-18	-60.012	127.458	4469	721	Payne and Conolly (1972)
EL37-19	-56.093	124.888	4575	610	Watkins and Kennett (1972)
EL37-20	-50.892	125.172	4035	234	Conolly and Payne (1972); Watkins and Kennett (1972)

42. *Eltanin* 38

20 March - 13 May, 1969
Principal Investigator: L.R. Pomeroy

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL38-2	-54.235	149.962	4063	426	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL38-3	-64.242	150.022	4279	877	Watkins and Kennett (1971); Watkins and Kennett (1972)
EL38-4	-64.232	150.063	3486	746	Payne and Conolly (1972); Scott *et al.* (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL38-5	-64.233	150.150	3459	238	
EL38-6	-64.292	150.183	3459	573	Scott *et al.* (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL38-7	-61.822	149.883	3660	602	Burckle and Abrams (1987); McCollum (1974); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL38-8	-61.810	149.903	3294	590	Burckle and Abrams (1987); Ciesielski and Weaver (1973); McCollum (1974); Watkins and Kennett (1971); Watkins and Kennett (1972); Weaver and Ciesielski (1974); NOTE: Hiatus noted in core.
EL38-9	-57.462	150.105	3175	610	Conolly and Payne (1972); Keany and Kennett (1972); Watkins and Kennett (1971); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL38-10	-57.462	150.462	3257	0	Bagged sample, Mn nodules only.
EL38-11	-49.788	152.510	4273	1187	
EL38-12	-49.700	152.542	4273	716	Conolly and Payne (1972)
EL38-13	-49.738	152.613	4273	308	
EL38-14	-49.750	152.603	4224	453	
EL38-15	-49.668	152.568	4264	0	Conolly and Payne (1972); Bagged sample, Mn nodules only.
EL38-16	-49.732	152.643	4242	557	
EL38-18	-40.050	152.242	4538	597	Watkins and Kennett (1972)

43. *Eltanin* 39

8 June - 5 August, 1968
Principal Investigator: M.R. Dawson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL39-1	-41.950	136.837	4813	570	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-4	-41.402	133.020	4172	610	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-5	-41.267	133.125	5406	136	Conolly and Payne (1972)
EL39-9	-40.007	126.040	4978	600	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-11	-42.502	126.103	4685	41	
EL39-13	-45.012	125.982	4538	600	Conolly and Payne (1972); Morley (1989a); Scott *et al.* (1972); Watkins and Kennett (1972)
EL39-17	-47.027	125.947	3999	79	
EL39-18	-48.008	126.092	4615	588	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL39-21	-48.862	126.017	4081	244	Conolly and Payne (1972); Cooke and Hays (1982); Watkins and Kennett (1972)
EL39-23	-51.122	126.177	4703	470	Conolly and Payne (1972)
EL39-25	-52.975	126.080	4703	10	
EL39-26	-52.930	126.137	4676	930	Conolly and Payne (1972)
EL39-29	-55.098	126.073	4621	1626	Burckle (1984a); Burckle (1984b); Morley (1989a); Payne and Conolly (1972)
EL39-31	-57.617	126.250	4590	672	Payne and Conolly (1972); Watkins and Kennett (1972)
EL39-33	-57.497	129.938	4599	966	Payne and Conolly (1972) Watkins and Kennett (1972)
EL39-35	-57.510	133.975	4630	595	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL39-37	-55.052	133.970	4231	565	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-39	-52.085	133.938	3395	288	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-41	-49.885	134.010	3257	391	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-43	-47.438	133.010	3947	456	Conolly and Payne (1972); Scott *et al.* (1972); Watkins and Kennett (1972)
EL39-45	-45.158	133.960	4429	500	Conolly and Payne (1972); Glass (1976); Glass and Wu (1992, 1993); Watkins and Kennett (1972)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL39-47	-45.785	136.802	4182	444	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-49	-47.103	142.605	4575	423	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-52	-47.580	142.995	4538	463	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-53	-48.817	144.540	3916	441	Conolly and Payne (1972); Watkins and Kennett (1972)
EL39-55	-49.948	145.930	4703	911	Conolly and Payne (1972); Watkins and Kennett (1972); NOTE: Hiatus noted in core.
EL39-57	-48.250	147.620	2364	507	Conolly and Payne (1972)
EL39-62	-46.948	149.543	3151	285	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL39-64	-45.560	150.350	4544	454	Conolly and Payne (1972); Watkins and Kennett (1971); Watkins and Kennett (1972)
EL39-66	-44.083	151.575	4117	448	Conolly and Payne (1972);
EL39-70	-42.397	153.167	4557	1677	Watkins and Kennett (1971); Watkins and Kennett (1972)
EL39-72	-40.622	154.600	4520	1485	Watkins and Kennett (1972)

44. *Eltanin* 42

28 February - 11 April, 1970
Principal Investigator: R.E. Houtz

CORE	LAT (deg)	LONG (deg) (m)	SITE DEPTH (cm)	CORE LEN.	CITED IN
EL42-1	-51.157	157.068	4209	736	
EL42-3	-57.540	170.397	5289	396	
EL42-4	-59.882	-175.493	4392	396	
EL42-5	-62.575	-165.290	2352	145	
EL42-6	-66.312	-149.650	3733	801	
EL42-7	-64.938	-119.732	4868	1137	
EL42-8	-64.512	-92.502	4641	490	
EL42-9	-69.993	-80.393	567	565	
EL42-10	-69.412	-87.852	3036	209	
EL42-11	-69.218	-88.407	3385	504	
EL42-12	-68.983	-89.115	3556	567	

45. *Eltanin* 43

20 April - 4 June, 1970
Principal Investigator: D.E. Hayes

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL43-2	-46.945	-129.705	4355	604	
EL43-3	-60.497	-135.847	3997	590	
EL43-4	-60.427	-162.465	3594	0	Bagged sample only.
EL43-5	-54.818	-175.130	5119	983	
EL43-6	-50.490	176.310	2955	321	

46. *Eltanin* 44

24 June - 18 August, 1970
Principal Investigator: A.L. Gordon

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL44-1	-44.282	167.328	3612	656	
EL44-3	-49.188	163.940	5755	0	Bagged sample only.
EL44-4	-49.523	164.615	3129	349	Boltovskoy (1987); Boltovskoy and Vrba (1988, 1989)
EL44-5	-51.257	165.055	3764	520	
EL44-6	-51.970	161.347	5587	687	
EL44-7	-53.053	158.217	3331	862	
EL44-9	-53.502	163.522	2690	0	Bagged sample only.
EL44-10	-55.323	165.043	3409	320	
EL44-11	-56.060	160.752	4410	1059	
EL44-13	-58.018	142.450	3795	362	Conolly and Payne (1972); Scott *et al.* (1972)
EL44-15	-57.993	137.443	4321	460	Conolly and Payne (1972)
EL44-16	-57.987	134.970	4427	531	Conolly and Payne (1972)
EL44-18	-57.965	132.420	4551	121	
EL44-19	-57.993	130.005	4597	1029	Payne and Conolly (1972)
EL44-20	-58.008	130.063	4597	1800	Payne and Conolly (1972)
EL44-21	-58.060	130.108	4597	2231	Payne and Conolly (1972)
EL44-22	-58.088	130.137	4597	2324	Payne and Conolly (1972); Scott *et al.* (1972)
EL44-23	-58.103	130.183	4601	1919	Payne and Conolly (1972)
EL44-24	-56.040	119.900	4401	1026	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL44-25	-55.030	119.818	4337	0	Bagged sample only, Mn nodules.
EL44-26	-54.018	119.773	4260	422	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL44-27	-53.038	119.735	3508	587	Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989); Williams and Johnson (1975)
EL44-28	-51.980	119.625	3907	0	Bagged sample only, Mn nodules.
EL44-29	-50.018	119.632	3506	0	Bagged sample only, isolated pebbles.
EL44-30	-48.000	120.032	3834	37	
EL44-31	-47.542	120.237	3579	584	Goodell and Watkins (1968); Kennett and Watkins (1976)

47. *Eltanin* 45

9 September - 28 October, 1970
Principal Investigator: L.A. Frakes

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL45-24	-40.153	104.183	4050	940	Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976)
EL45-26	-41.773	105.023	3816	542	Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976); Williams and Johnson (1975)
EL45-27	-43.308	105.548	3779	453	Curry and Matthews (1981); Johnson and Nigrini (1982); Williams and Johnson (1975)
EL45-29	-44.877	106.518	3821	1174	Burckle and Burak (1988); Burak and Burckle (1985); Charles *et al.* (1991); Howard and Prell (1992); Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989a); Williams and Johnson (1975)
EL45-31	-46.070	107.225	3327	540	Shemesh *et al.* (1989a)
EL45-32	-50.517	109.587	3116	0	Bagged sample only.
EL45-33	-51.978	110.473	3426	534	Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989a)
EL45-35	-53.495	111.333	3843	1117	Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989a)
EL45-37	-54.697	111.965	4154	1100	Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989a)
EL45-39	-56.007	112.715	4374	1095	Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989a); NOTE: Hiatus noted in core.
EL45-42	-57.212	113.337	4333	85	Shemesh *et al.* (1989a)
EL45-44	-58.475	114.122	4443	410	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972); Shemesh *et al.* (1989a)
EL45-46	-59.743	114.947	4416	281	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972)
EL45-47	-60.755	114.240	4293	545	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL45-49	-61.352	113.748	4236	430	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972)
EL45-50	-59.420	113.900	4408	450	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972)
EL45-52	-59.023	113.928	4434	0	Bagged sample only.
EL45-53	-58.480	113.920	4443	450	Goodell and Watkins (1968); Kennett and Watkins (1976); Payne and Conolly (1972)
EL45-55	-57.995	113.955	4458	0	Bagged sample only.
EL45-57	-57.063	114.058	4458	384	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL45-58	-56.583	114.115	4421	1712	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL45-59	-56.543	114.100	3027	0	Bagged sample only.
EL45-60	-55.062	114.152	4110	421	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL45-62	-55.080	114.118	4209	490	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL45-63	-53.437	114.257	3920	1054	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989b)
EL45-64	-52.483	114.090	3825	1148	Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989b)
EL45-66	-51.497	114.293	3526	0	Bagged sample only.
EL45-69	-48.848	114.617	3413	420	Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a)
EL45-70	-48.008	114.478	3686	590	Curry and Matthews (1981); Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989)
EL45-71	-48.025	114.487	3660	1140	Goodell and Watkins (1968); Kennett and Watkins (1976); Miyajima (1974); Morley (1989a); Williams and Johnson (1975)
EL45-73	-47.533	114.423	3726	530	Curry and Matthews (1981); Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989); Williams and Johnson (1975)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL45-74	-47.552	114.440	3806	1062	Glass and Wu (1993); Goodell and Watkins (1968); Kennett and Watkins (1976); Miyajima (1974); Morley (1989a)
EL45-77	-46.448	114.417	3808	989	Curry and Matthews (1981); Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989); Miyajima (1974)
EL45-78	-45.037	114.348	4031	460	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL45-79	-45.057	114.367	4099	913	Goodell and Watkins (1968); Kennett and Watkins (1976); Miyajima (1974)
EL45-81	-43.953	114.368	4258	1062	Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989); Miyajima (1974); NOTE: Hiatus noted in core.
EL45-83	-42.588	114.440	4337	501	Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a)
EL45-86	-41.495	114.433	4304	407	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL45-88	-40.553	114.535	4392	384	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.

48. *Robert Conrad* 13

15 December 1970 - 6 January 1971
Principal Investigator: M. Iglesias

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC13-251	-42.517	11.667	4341	1085	Cooke and Hays (1982); Goll and Bjorklund (1974); Hays *et al.* (1976); Lazarus *et al.* (1987); Shemesh *et al.* (1989a)
RC13-252	-45.083	9.150	4523	1233	Anderson *et al.* (1988); Berger and Pestiaux (1982); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Morley (1979)
RC13-253	-46.600	7.633	2494	1088	Duplessy *et al.* (1984); Goll and Bjorklund (1974); Hays *et al.* (1976); Labracherie *et al.* (1989)
RC13-254	-48.567	5.133	3636	1679	Burckle (1984a); Burckle (1984b); Charles *et al.* (1991); Cooke and Hays (1982); Duplessy and Shackleton (1984); Froelich *et al.* (1992); Goll and Bjorklund (1974); Hays *et al.* (1976); Kumar *et al.* (1993); Morley and Hays (1979); Mortlock *et al.* (1991); Shemesh *et al.* (1989a)
RC13-255	-50.583	2.900	3332	1815	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); DeMaster *et al.* (1988); Goll and Bjorklund (1974); Hays *et al.* (1976); Morley (1979); Morley and Hays (1979); Pichon *et al.* (1987); Pichon *et al.* (1992); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b); Shemesh *et al.* (1995)
RC13-256	-53.183	-0.350	2525	1120	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Hays *et al.* (1976); Morley (1979); Morley and Hays (1979); Shemesh *et al.* (1988); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b); Shemesh *et al.* (1995)
RC13-257	-55.000	-3.000	2836	558	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Hays (1977); Hays *et al.* (1976); Pichon *et al.* (1992); Shemesh *et al.* (1989a)
RC13-258	-52.783	-2.967	711	212	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC13-259	-53.883	-4.933	2677	1754	Burckle (1984a); Burckle (1984b); Burckle and Cooke (1983); Charles *et al.* (1991); Clayton (1992); Cooke and Hays (1982); Froelich *et al.* (1992); Kumar *et al.* (1993); Labeyrie *et al.* (1986); Morley and Hays (1979); Mortlock *et al.* (1991); Shemesh *et al.* (1989a); Shemesh *et al.* (1994); Shemesh *et al.* (1995); Singer and Shemesh (1995)
RC13-260	-57.150	-6.683	3003	572	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC13-261	-56.117	-8.683	4221	1217	Balsam and Wolhart (1993); Burckle (1984a); Burckle (1984b); Burckle and Cooke (1983); Cooke and Hays (1982); Hays *et al.* (1976); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988); Shemesh *et al.* (1989a); Shemesh *et al.* (1995)
RC13-262	-53.800	-8.217	3223	10	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC13-263	-53.800	-8.217	3389	1375	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Furst (1981); Goll and Bjorklund (1974); Hays *et al.* (1976); Pichon *et al.* (1987); Pichon *et al.* (1992); Shemesh *et al.* (1989b)
RC13-265	-53.717	-5.317	2785	1290	Mostajo (1983)
RC13-266	-57.150	-3.683	4078	523	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC13-267	-55.583	-2.250	3160	593	Duplessy *et al.* (1984)
RC13-268	-57.033	-0.100	4055	848	Berger and Pestiaux (1982); Burckle (1984a); Burckle (1984b); Goll (1976); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Pichon *et al.* (1992)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC13-269	-52.633	-0.133	2591	1094	Burckle (1984a); Burckle (1984b); Burckle and Cooke (1983); Clayton (1992); Goll and Bjorklund (1974); Labeyrie *et al.* (1986); Pichon *et al.* (1992); Shemesh *et al.* (1989b); Shemesh *et al.* (1992); Shemesh *et al.* (1995)
RC13-270	-55.483	4.633	3160	2260	Berger and Pestiaux (1982); Burckle (1984a); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Pichon *et al.* (1992)
RC13-271	-51.983	4.517	3634	2420	Charles *et al.* (1991); Clayton (1992); Cooke and Hays (1982); DeMaster *et al.* (1988); Froelich *et al.* (1992); Hays (1977); Mortlock *et al.* (1991); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b); Shemesh *et al.* (1992); Shemesh *et al.* (1993)
RC13-272	-55.083	8.000	2538	1105	Berger and Pestiaux (1982); Goll and Bjorklund (1974); Lazarus *et al.* (1987); Pichon *et al.* (1992)
RC13-273	-55.067	11.567	4967	1735	Burckle (1984a); Burckle (1984b); Hays *et al.* (1976); Morley (1979); Pichon *et al.* (1987); Pichon *et al.* (1992); Shemesh *et al.* (1989a)
RC13-274	-53.150	12.433	3372	983	Goll and Bjørklund (1974); Pichon *et al.* (1987); Pichon *et al.* (1992)
RC13-275	-50.717	13.433	1984	802	Berger and Pestiaux (1982); Broecker (1986); Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goll and Bjørklund (1974); Hays *et al.* (1976); Labracherie *et al.* (1989); Molfino *et al.* (1982); Morley (1979); Morley and Hays (1979); Shackleton (1977)
RC13-276	-47.700	14.700	5015	1462	Burckle (1984b); Goll and Bjorklund (1974)
RC13-277	-44.567	15.767	4877	1756	Berger and Pestiaux (1982); Goll and Bjorklund (1974); Lazarus *et al.* (1987)
RC13-278	-42.067	16.733	4790	1280	Berger and Pestiaux (1982); Goll and Bjørklund (1974); Lazarus *et al.* (1987)

49. *Eltanin* 47

3 February - 13 April, 1971
Principal Investigator: R. Houtz

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL47-1	-51.580	78.968	1071	609	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-2	-59.697	80.817	537	567	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL47-3	-62.385	80.788	831	382	Burckle (1984a); Burckle (1984b); Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-4	-64.118	80.398	1075	335	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-5	-65.543	80.425	874	573	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL47-6	-66.112	78.435	877	1216	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-7	-66.655	77.900	426	369	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL47-8	-66.827	77.875	87	245	
EL47-9	-66.380	78.020	727	1177	
EL47-10	-63.958	83.992	1078	529	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-11	-62.980	84.193	775	551	
EL47-12	-61.945	84.042	826	537	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL47-13	-58.783	84.233	863	577	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL47-14	-61.118	71.273	1246	133	
EL47-15	-51.288	78.808	487	525	Goodell and Watkins (1968); Kennett and Watkins (1976); Weaver and Wise (1973)
EL47-16	-54.850	82.842	1342	1203	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-17	-53.352	72.182	287	585	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-18	-52.965	72.852	64	94	
EL47-19	-51.382	73.152	82	73	
EL47-20	-49.192	72.145	283	419	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL47-22	-47.480	73.927	798	170	Goodell and Watkins (1968); Kennett and Watkins (1976)

50. *Eltanin* 48

28 June - 19 August, 1971
Principal Investigator: N.D. Watkins

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL48-2	-41.025	109.910	1265	1658	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL48-3	-41.020	100.012	1174	765	Goodell and Watkins (1968); Kennett and Watkins (1976); Prell *et al.* (1979); Williams (1976); Williams and Johnson (1975) Kennett and Watkins (1976)
EL48-21	-40.357	87.143	897	0	Bagged sample only, Mn nodules.

51. *Eltanin* 49

31 August - 27 October, 1971
Principal Investigator: K.L. Griffiths, Jr.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL49-2	-42.397	110.105	1223	1190	
EL49-3	-45.107	109.915	1251	586	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976)
EL49-4	-46.987	110.132	1066	1191	Glass and Wu (1993); Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-5	-49.032	110.178	1038	280	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL49-6	-51.007	109.988	994	1197	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Froelich *et al.* (1989); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989b)
EL49-7	-53.037	110.047	1073	1194	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989b)
EL49-8	-55.070	110.018	1103	1806	Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989b)
EL49-9	-56.972	110.088	1293	1016	Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a)
EL49-10	-59.013	110.133	1306	551	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a)
EL49-11	-59.648	110.157	1285	565	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-12	-58.368	89.987	1341	874	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-13	-56.837	89.740	1229	1204	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-14	-54.833	90.140	1393	111	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL49-15	-52.783	90.008	1213	589	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL49-16	-50.433	90.177	1210	1189	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976)
EL49-17	-48.280	90.247	1046	1811	Burckle (1984b); Burckle and Burak (1988); Burak and Burckle (1985); Charles *et al.* (1991); Goodell and Watkins (1968); Howard and Prell (1992); Kennett and Watkins (1976); Morley (1989a); Morley (1989b)
EL49-18	-46.050	90.155	972	1676	Burckle (1982); Burckle *et al.* (1978); Burckle and Burak (1988); Burak and Burckle (1985); Charles *et al.* (1991); Goodell and Watkins (1968); Hays *et al.* (1976a); Hays *et al.* (1976b); Howard and Prell (1992); Imbrie *et al.* (1992); Johnson (1982); Kennett and Watkins (1976); Morley (1989a); Morley and Hays (1991)
EL49-19	-43.887	90.100	907	561	Charles *et al.* (1991); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Williams and Johnson (1975)
EL49-20	-40.085	94.890	1060	477	Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976)
EL49-21	-42.185	94.885	983	958	Goodell and Watkins (1968); Howard and Prell (1992); Johnson and Nigrini (1982); Kennett and Watkins (1976); Morley (1989a); Morley (1989b); Williams and Johnson (1975)
EL49-22	-45.022	95.082	812	481	Labracherie *et al.* (1989);
EL49-23	-47.128	95.080	973	586	Charles *et al.* (1991); Cooke and Hays (1982); Goodell and Watkins (1968); Howard and Prell (1992); Johnson and Nigrini (1982); Kennett and Watkins (1976); Labracherie *et al.* (1989); Morley (1989a); Morley (1989b)
EL49-24	-47.988	95.037	960	548	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976); Labracherie *et al.* (1989); Morley (1989a)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL49-25	-49.378	94.832	997	544	Burckle and Burak (1988); Burak and Burckle (1985); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Labracherie *et al.* (1989); Morley (1989a)
EL49-26	-51.373	95.087	1070	773	
EL49-27	-53.628	95.128	1149	1493	
EL49-28	-55.182	94.853	1356	1598	Goodell and Watkins (1968); Kennett and Watkins (1976); Weaver and McCollum (1974); NOTE: Hiatus noted in core.
EL49-29	-57.095	94.955	1266	1123	Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Weaver and McCollum (1974); NOTE: Hiatus noted in core.
EL49-30	-59.005	95.230	1278	1603	Goodell and Watkins (1968); Kennett and Watkins (1976); Weaver and McCollum (1974); NOTE: Hiatus noted in core.
EL49-31	-58.810	96.347	1327	674	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-32	-58.368	98.468	1237	1189	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-33	-57.763	100.042	1207	1707	Cooke and Hays (1982); Froelich *et al.* (1989); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989b)
EL49-34	-56.555	100.068	1019	39	
EL49-35	-54.387	100.027	1127	1182	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-36	-52.360	99.820	1021	898	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-37	-51.695	100.057	1058	1185	Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a)
EL49-38	-50.848	100.088	1081	1145	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-39	-50.060	100.218	1015	1202	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-40	-49.072	100.078	961	588	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975)
EL49-41	-48.245	100.057	909	146	Goodell and Watkins (1968); Kennett and Watkins (1976)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL49-42	-47.242	100.130	866	586	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975)
EL49-43	-46.488	100.052	917	361	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975)
EL49-44	-45.660	100.120	1035	606	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975)
EL49-45	-44.998	100.050	1046	547	
EL49-46	-44.068	100.017	1078	623	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL49-47	-43.340	100.018	1098	981	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975)
EL49-48	-42.447	100.032	1092	438	Goodell and Watkins (1968); Kennett and Watkins (1976); Williams and Johnson (1975); NOTE: Hiatus noted in core.
EL49-49	-41.522	99.975	1185	1029	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL49-50	-40.612	99.913	1213	952	Goodell and Watkins (1968); Kennett and Watkins (1976)

52. *Eltanin* 50

7 November, 1971 - 3 January, 1972
Principal Investigator: A.L. Gordon

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL50-3	-42.013	104.897	1218	1023	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL50-4	-44.015	105.002	1121	6	
EL50-5	-46.115	105.030	1033	592	Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976); Williams and Johnson (1975)
EL50-6	-48.027	105.243	913	578	Goodell and Watkins (1968); Graves (1982); Johnson and Nigrini (1982); Kennett and Watkins (1976)
EL50-7	-50.025	104.917	950	1641	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL50-8	-50.933	104.908	964	978	Burckle (1984a); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); McCollum (1974); Shemesh *et al.* (1989a)
EL50-9	-52.022	105.010	967	1020	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL50-10	-53.978	104.937	1098	1006	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL50-11	-55.945	104.945	1172	576	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Morley (1989a); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
EL50-12	-57.953	105.017	1315	977	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976)
EL50-13	-59.997	105.000	1258	1606	Burckle (1984a); Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Weaver and McCollum (1974); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b); NOTE: Hiatus noted in core.
EL50-14	-61.373	105.632	1280	933	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL50-15	-60.070	109.983	1275	452	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL50-16	-61.043	114.813	1286	585	Goodell and Watkins (1968); Graves (1982); Kennett and Watkins (1976)
EL50-17	-63.002	120.050	1220	1021	Burckle (1984b); Cooke and Hays (1982); Goodell and Watkins (1968); Kennett and Watkins (1976); Shemesh *et al.* (1989b)
EL50-18	-64.425	119.977	933	1023	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL50-19	-63.050	124.728	1214	535	
EL50-20	-63.015	129.995	1262	616	
EL50-21	-63.005	135.002	1215	461	
EL50-22	-63.027	139.703	1110	579	
EL50-23	-64.033	142.958	1101	377	
EL50-26	-64.968	143.655	964	35	
EL50-27	-63.515	144.723	1137	586	
EL50-28	-62.903	150.687	1043	570	Ciesielski and Weaver (1973); Weaver and Ciesielski (1974)
EL50-29	-63.240	154.930	887	182	
EL50-30	-64.998	164.958	875	588	
EL50-31	-66.042	170.013	966	1530	
EL50-32	-65.043	169.937	890	1102	
EL50-33	-61.085	170.063	1360	1132	Burckle and Abrams (1987)
EL50-34	-60.007	170.163	1453	1014	
EL50-35	-58.988	170.043	1501	1094	
EL50-36	-58.010	169.813	1499	0	Core disturbed, Mn nodules recovered.
EL50-37	-57.032	169.842	1550	0	Bagged sample only, Mn nodules.
EL50-38	-55.903	170.113	1521	0	Bagged sample only, Mn nodules.
EL50-39	-54.022	169.965	344	87	

53. *Robert Conrad* 15

12 December, 1971 - 4 April, 1972
Principal Investigators: S. Eittreim, C. Windisch, J. Ewing

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC15-61	-40.617	-77.200	3771	1172	Boyle (1992); Broecker (1986); Duplessy *et al.* (1984); Lao *et al.* (1992a); Lao *et al.* (1992b); Lao *et al.* 1992c); Lea and Boyle (1990); Shackleton (1977)
RC15-63	-47.917	-77.983	3696	1250	
RC15-64	-51.467	-76.417	3200	687	
RC15-65	-53.067	-78.950	4111	1844	Boyle (1988); Duplessy *et al.* (1984)
RC15-67	-60.017	-80.583	5033	200	
RC15-68	-63.350	-77.467	4519	1088	
RC15-69	-65.083	-74.067	3771	663	
RC15-70	-64.917	-76.300	3981	1017	
RC15-71	-65.383	-71.367	3440	1040	
RC15-72	-62.650	-69.667	3992	22	
RC15-74	-61.333	-62.767	3477	855	
RC15-75	-60.433	-62.283	3981	1047	
RC15-76	-58.833	-63.283	3821	633	
RC15-77	-55.667	-63.350	4045	280	
RC15-79	-52.917	-60.467	472	430	
RC15-80	-52.200	-56.817	710	403	
RC15-84	-50.483	-44.717	1492	555	Ciesielski and Wise (1977)
RC15-85	-50.633	-40.350	3085	143	Balsam and Wolhart (1993); Ciesielski and Wise (1977); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-86	-51.500	-38.483	4041	993	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-87	-52.797	-33.783	3270	576	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-88	-53.883	-29.433	4665	1133	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-89	-52.283	-23.650	4773	1706	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC15-90	-52.100	-22.683	4825	1263	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-91	-49.917	-15.567	3775	543	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Molfino *et al.* (1982); Morley (1979); Pichon *et al.* (1987); Pichon *et al.* (1992); Sachs and Ellwood (1988)
RC15-92	-48.500	-10.333	3378	1630	Burckle (1984a); Burckle (1984b)
RC15-93	-46.100	-13.233	2714	1284	Charles *et al.* (1991); Cooke and Hays (1982); Froelich *et al.* (1992); Labracherie *et al.* (1989); Mortlock *et al.* (1991)
RC15-94	-42.983	-20.850	3762	1255	Charles *et al.* (1991); Cooke and Hays (1982); Molfino *et al.* (1982); Mortlock *et al.* (1991)
RC15-95	-42.950	-23.500	4264	952	
RC15-96	-42.883	-23.917	4426	1190	
RC15-97	-42.950	-25.933	4583	882	
RC15-98	-42.933	-29.783	4416	1154	Cooke and Hays (1982)
RC15-99	-43.017	-31.167	4744	1138	
RC15-100	-42.967	-33.850	4998	1092	
RC15-101	-42.983	-41.567	5174	1767	
RC15-102	-42.633	-45.317	5000	1524	
RC15-103	-42.450	-46.683	5218	1439	
RC15-104	-42.317	-48.633	5563	1423	
RC15-107	-41.400	-50.983	5018	440	
RC15-112	-40.083	-49.167	5271	969	
RC15-113	-43.617	-48.433	5312	1037	
RC15-114	-47.650	-47.483	6029	945	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-115	-49.600	-47.567	2642	20	
RC15-116	-54.083	-51.833	2562	78	
RC15-118	-55.650	-55.915	4085	449	
RC15-119	-52.683	-57.733	474	477	
RC15-120	-52.167	-57.583	278	71	
RC15-122	-48.467	-55.233	2369	106	
RC15-123	-45.933	-55.317	5614	1035	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-124	-45.600	-55.733	5143	60	
RC15-125	-44.283	-57.167	4825	133	
RC15-126	-43.650	-57.867	3640	1077	
RC15-127	-41.650	-54.333	5086	1060	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC15-128	-40.400	-55.300	2041	632	
RC15-130	-47.200	-56.933	4053	1192	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-132	-47.417	-51.433	6067	827	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-133	-49.100	-45.667	6177	1115	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC15-134	-49.650	-45.767	3872	19	
RC15-135	-52.317	-46.883	3402	166	
RC15-137	-51.333	-55.000	1291	233	
RC15-138	-51.367	-61.867	194	188	
RC15-139	-49.600	-62.567	144	245	
RC15-140	-43.700	-62.400	86	443	
RC15-141	-40.300	-53.567	4971	1090	

54. *Eltanin* 52

28 February - 27 March, 1972
Principal Investigator: R. Houtz

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL52-1	-76.018	-165.100	273	398	
EL52-2	-75.672	-173.832	174	580	
EL52-3	-77.003	-179.962	210	519	
EL52-4	-73.367	176.885	164	539	
EL52-5	-72.287	-178.548	239	43	
EL52-6	-72.520	179.040	592	565	
EL52-7	-73.247	177.122	142	339	
EL52-8	-73.938	-169.495	150	382	
EL52-9	-72.447	173.872	143	471	
EL52-10	-51.758	175.192	768	543	
EL52-11	-51.715	175.190	525	119	
EL52-12	-51.620	175.142	403	208	

55. *Vema* 29

30 March - 11 April, 1972
Principal Investigator: J. Ladd

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM29-84	-43.850	27.600	5451	490	Cooke and Hays (1982); Hays *et al.* (1976)
VM29-85	-46.600	27.450	6117	910	
VM29-86	-49.567	30.017	5614	490	Cooke and Hays (1982); Goll and Bjorklund (1974)
VM29-87	-49.100	27.383	5314	404	Burckle (1984a); Cooke and Hays (1982); Morley (1989a)
VM29-88	-47.850	26.783	5737	336	Burckle (1984a); Burckle (1984b); Goll and Bjørklund (1974); Morley (1989a)
VM29-89	-45.733	25.650	5945	430	Cooke and Hays (1982)
VM29-90	-43.700	25.733	5148	1001	Cooke and Hays (1982)
VM29-99	-42.250	13.617	5035	1118	
VM29-100	-42.000	6.517	4991	972	
VM29-101	-48.100	11.350	4328	1149	
VM29-102	-48.583	12.500	3559	1797	
VM29-103	-50.850	11.567	3828	1908	
VM29-104	-50.033	16.567	4076	1770	Cooke and Hays (1982); Shemesh *et al.* (1989b)
VM29-105	-48.083	17.683	4350	1814	Burckle and Cooke (1983); Cooke and Hays (1982); Duplessy and Shackleton (1984); Froelich *et al.* (1992); Morley and Hays (1979); Mortlock *et al.* (1991)
VM29-107	-42.850	17.433	4815	1151	Lazarus *et al.* (1987)

56. *Eltanin* 53

10 April - 9 June, 1972
Principal Investigator: T.D. Aitken

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL53-1	-51.693	163.057	1230	1053	
EL53-2	-51.243	162.150	1370	806	
EL53-3	-51.762	162.700	1135	1002	
EL53-4	-43.918	161.768	1446	1189	
EL53-5	-43.312	159.285	1431	1679	
EL53-6	-43.973	154.840	1330	1567	
EL53-7	-43.150	159.295	1410	1573	
EL53-8	-44.105	156.930	1317	1793	
EL53-9	-46.442	152.663	1287	726	
EL53-10	-49.000	148.112	1222	1175	
EL53-11	-51.298	148.005	1195	0	Bagged sample only, Mn nodules.
EL53-12	-60.918	144.733	1246	0	Bagged sample only, Mn nodules.
EL53-13	-53.780	145.467	792	485	
EL53-14	-54.187	144.953	817	1423	
EL53-15	-51.410	147.768	1177	0	Bagged sample only, Mn nodules.
EL53-16	-48.883	147.517	1255	412	
EL53-17	-48.983	148.187	1220	1534	
EL53-18	-45.077	144.472	1090	80	
EL53-19	-42.533	144.625	486	146	
EL53-20	-41.433	144.102	458	1179	

57. *Eltanin* 54

20 June - 7 September, 1972
Principal Investigator: R.G. Markl

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL54-1	-48.118	86.192	1154	1176	Goodell and Watkins (1968); Johnson and Nigrini (1982); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-2	-52.083	84.547	1264	814	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-3	-57.428	77.830	574	27	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL54-4	-57.442	77.880	555	244	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL54-5	-56.877	74.555	878	554	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL54-6	-55.468	76.017	644	597	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL54-7	-55.880	81.118	1221	527	Goodell and Watkins (1968); Kennett and Watkins (1976)
EL54-8	-56.875	81.187	1262	590	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-9	-57.738	80.275	496	534	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-10	-57.757	80.662	518	522	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-11	-57.782	81.015	546	382	Goodell and Watkins (1968); Kennett and Watkins (1976); NOTE: Hiatus noted in core.
EL54-12	-57.488	82.360	1033	0	Bagged sample only, Mn nodules.
EL54-13	-47.640	124.068	1250	586	
EL54-14	-47.937	123.263	1262	1196	
EL54-15	-47.857	123.875	1257	472	

58. *Eltanin* 55

27 October - 27 December, 1972
Principal Investigator: B.C. Heezen

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
EL55-9	-40.065	140.387	4703	954	
EL55-10	-40.100	139.697	4996	1091	

59. *Robert Conrad* 16

31 December, 1972 - 8 February, 1973
Principal Investigators: G. Carpenter, C. Windisch

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC16-88	-40.100	-45.767	5158	870	Balsam and Wolhart (1993); Mostajo (1983)
RC16-89	-40.517	-49.317	5434	536	Balsam and Wolhart (1993)
RC16-90	-41.283	-52.900	5507	245	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Mostajo (1983)
RC16-91	-42.767	-53.933	5527	67	Balsam and Wolhart (1993)
RC16-92	-45.267	-53.450	5866	430	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC16-93	-45.283	-56.650	5147	396	Balsam and Wolhart (1993); Berger and Pestiaux (1982); Lazarus *et al.* (1987); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC16-95	-46.350	-58.850	2358	408	Mostajo (1983)
RC16-96	-47.567	-57.267	4188	1065	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC16-97	-47.117	-57.633	3985	73	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC16-98	-47.617	-61.167	146	245	
RC16-99	-50.683	-66.450	108	157	
RC16-100	-52.883	-65.717	117	28	
RC16-101	-49.333	-60.983	163	288	
RC16-102	-53.517	-62.767	494	490	
RC16-103	-55.433	-61.900	4183	158	
RC16-104	-53.600	-56.033	3073	219	
RC16-108	-50.600	-46.217	1650	488	Berger and Pestiaux (1982); Ciesielski and Wise (1977); Ciesielski *et al.* (1992); Lazarus *et al.* (1987); Malmgren (1983); Malmgren (1985)
RC16-109	-52.433	-46.733	3643	1090	
RC16-110	-54.783	-46.033	4860	1152	
RC16-111	-51.233	-43.433	1716	438	Berger and Pestiaux (1982); Ciesielski and Wise (1977); Ciesielski *et al.* (1992); Lazarus *et al.* (1987); Malmgren (1983); Mostajo (1983)
RC16-112	-53.217	-41.950	1705	148	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC16-113	-51.933	-39.917	3802	1052	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
RC16-114	-41.350	-56.383	2363	73	
RC16-115	-41.350	-56.383	2288	42	
RC16-116	-43.150	-56.133	4768	903	Balsam and Wolhart (1993)

60. *Robert Conrad* 17

29 January, 1974 - 21 January, 1975
Principal Investigators: A. Amos, J. Weissel, S. Jacobs

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC17-51	-65.650	60.683	3676	1122	
RC17-52	-56.367	51.967	5379	1225	Johnson and Nigrini (1980)
RC17-53	-57.483	36.167	5375	1082	Shemesh *et al.* (1989a)
RC17-54	-43.500	28.133	5452	1202	Lazarus *et al.* (1987); Shemesh *et al.* (1989a); Shemesh *et al.* (1989b)
RC17-55	-40.417	24.167	4159	1160	
RC17-56	-65.400	37.717	4794	408	Pichon *et al.* (1987); Pichon *et al.* (1992); Shemesh *et al.* (1989a)
RC17-57	-61.517	37.050	5235	865	Shemesh *et al.* (1989a)
RC17-58	-53.517	36.633	4669	1180	Shemesh *et al.* (1989a)
RC17-59	-49.467	37.000	5002	1200	Shemesh *et al.* (1989a)
RC17-60	-44.500	31.183	5227	1162	Burckle (1984a); Shemesh *et al.* (1989a)
RC17-61	-52.200	54.467	3947	1115	Cooke and Hays (1982); Johnson and Nigrini (1980)
RC17-62	-47.600	56.867	4426	1235	Johnson and Nigrini (1980); Morley (1989a); Morley (1989b)
RC17-63	-45.650	48.283	2947	1025	Corliss (1983)
RC17-65	-42.283	41.900	3702	320	
RC17-66	-42.400	42.533	5150	676	
RC17-210	-42.150	-104.250	3738	664	
RC17-213	-51.550	-84.967	4455	1050	
RC17-214	-53.383	-76.583	4095	1062	
RC17-215	-55.767	-74.150	4146	1088	

61. *Vema* 31

13 February - 26 March, 1974
Principal Investigators: G. Carpenter, G. Bryan

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM31-19	-43.367	-59.150	1178	640	
VM31-20	-44.050	-58.900	2145	215	
VM31-21	-44.167	-59.050	1831	272	
VM31-22	-44.233	-59.167	1641	50	
VM31-23	-43.633	-58.717	1946	140	
VM31-24	-43.700	-58.783	2209	84	
VM31-25	-43.367	-58.217	2264	325	
VM31-26	-43.500	-58.333	2550	245	
VM31-27	-43.500	-58.333	2058	75	
VM31-28	-44.117	-58.683	2381	423	
VM31-29	-44.083	-58.683	2103	910	
VM31-30	-44.000	-58.650	1873	212	
VM31-31	-44.983	-59.317	1580	93	
VM31-32	-45.217	-59.433	1701	415	
VM31-33	-45.350	-59.500	1628	303	
VM31-35	-45.667	-59.667	1205	122	
VM31-36	-45.500	-59.617	957	0	
VM31-37	-44.800	-59.800	920	92	
VM31-38	-44.133	-59.267	1535	99	
VM31-39	-43.633	-58.117	2868	79	
VM31-40	-44.067	-58.100	3479	193	
VM31-41	-44.533	-58.417	2815	595	
VM31-42	-45.367	-59.533	1374	75	
VM31-45	-45.650	-59.650	1055	475	
VM31-47	-46.350	-59.850	788	290	
VM31-49	-46.867	-59.483	1324	246	
VM31-52	-45.633	-59.233	1491	60	
VM31-54	-45.417	-59.150	1950	33	
VM31-57	-46.250	-58.767	2396	210	
VM31-58	-45.783	-58.617	2925	202	
VM31-59	-45.467	-58.567	2690	78	
VM31-62	-51.900	-51.860	2266	134	
VM31-63	-52.367	-51.200	2932	193	
VM31-64	-52.833	-50.500	2842	90	
VM31-65	-52.467	-48.350	3801	426	
VM31-66	-52.033	-46.967	2738	337	
VM31-68	-49.633	-42.467	2202	518	Berger and Pestiaux (1982); Ciesielski and Wise (1977)
VM31-69	-49.583	-42.400	2553	114	Ciesielski and Wise (1977); MacDonald and Anderson (1986)
VM31-70	-49.550	-41.500	2164	80	MacDonald and Anderson (1986)
VM31-71	-52.417	-36.933	2169	402	
VM31-72	-50.833	-42.400	1595	154	Ciesielski and Wise (1977); MacDonald and Anderson (1986)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM31-73	-50.883	-42.250	1732	66	Ciesielski and Wise (1977); MacDonald and Anderson (1986); Malmgren (1983); Mostajo (1983)
VM31-74	-50.133	-44.267	1862	464	Ciesielski and Wise (1977); Ciesielski *et al.* (1982)
VM31-75	-50.167	-44.283	1772	135	Ciesielski and Wise (1977); Ciesielski *et al.* (1982); MacDonald and Anderson (1986); Malmgren (1983)
VM31-76	-50.217	-44.233	1558	120	MacDonald and Anderson (1986)
VM31-77	-49.483	-44.800	4657	372	Balsam and Wolhart (1993)
VM31-78	-49.600	-44.600	4110	295	Balsam and Wolhart (1993)
VM31-79	-49.633	-44.500	3449	52	Balsam and Wolhart (1993); Ciesielski and Wise (1977); Ciesielski *et al.* (1982); MacDonald and Anderson (1986); Malmgren (1983)
VM31-80	-49.667	-44.433	3089	69	Balsam and Wolhart (1993); Ciesielski and Wise (1977); Ciesielski *et al.* (1982); MacDonald and Anderson (1986); Malmgren (1983)
VM31-81	-49.650	-44.117	2952	55	Ciesielski and Wise (1977); Ciesielski *et al.* (1982); Malmgren (1983)
VM31-82	-49.617	-44.100	2932	127	MacDonald and Anderson (1986)
VM31-83	-49.600	-44.05	3078	120	Balsam and Wolhart (1993); Ciesielski and Wise (1977); Malmgren (1983)
VM31-84	-49.567	-44.017	4029	127	Balsam and Wolhart (1993); Ciesielski and Wise (1977); Ciesielski *et al.* (1982)
VM31-86	-49.600	-46.583	2954	47	
VM31-88	-49.600	-48.333	3016	27	Balsam and Wolhart (1993)
VM31-89	-44.533	-56.800	4909	595	Balsam and Wolhart (1993)

62. *Robert Conrad* 18

9 February - 30 April, 1975
Principal Investigators: A. Gordon, W. Pitman, E. Herron

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC18-1	-52.450	-44.900	3406	1044	
RC18-2	-50.500	-46.967	2614	437	
RC18-3	-56.467	-57.767	4137	384	
RC18-4	-60.483	-56.633	4007	234	
RC18-5	-61.983	-50.083	3353	458	
RC18-6	-59.967	-50.033	3409	671	
RC18-7	-54.017	-49.750	4521	557	
RC18-8	-52.467	-48.083	3782	535	
RC18-9	-58.567	-74.433	4679	196	
RC18-10	-56.233	-70.350	1984	286	
RC18-11	-55.883	-72.967	4344	453	
RC18-13	-55.550	-73.333	4357	606	
RC18-14	-54.150	-74.400	2487	210	
RC18-15	-54.000	-75.733	4154	364	
RC18-16	-53.600	-76.717	4044	822	
RC18-17	-52.433	-77.000	4044	898	
RC18-18	-47.217	-76.850	3404	636	
RC18-19	-45.167	-78.550	3049	623	
RC18-21	-43.267	-78.217	3581	633	
RC18-22	-44.617	-79.767	3201	625	
RC18-23	-44.567	-77.033	3096	597	
RC18-25	-45.600	-76.217	2917	636	
RC18-28	-46.167	-77.250	2992	625	
RC18-29	-45.750	-78.433	2723	432	
RC18-30	-46.750	-77.533	3561	628	
RC18-31	-46.950	-76.417	3554	315	
RC18-32	-47.400	-81.250	4053	726	
RC18-33	-47.800	-85.633	4150	630	
RC18-34	-46.950	-94.967	4494	620	
RC18-35	-40.950	-94.833	3687	188	
RC18-36	-40.367	-100.267	4327	638	

63. *Vema* 33

5 December, 1975 - 5 January, 1976
Principal Investigators: J. Weissel, G. Carpenter, D. Hayes and R. Anderson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM33-1	-43.067	134.367	4905	800	Christie *et al.* (1986); Ryan and Langmuir (1987)
VM33-2	-44.200	133.583	4708	653	
VM33-3	-56.133	134.267	4196	852	
VM33-4	-56.217	134.017	4130	843	
VM33-5	-56.100	131.917	4402	735	Christie *et al.* (1986); Ryan and Langmuir (1987)
VM33-7	-54.483	119.933	4029	872	Christie *et al.* (1986); Ryan and Langmuir (1987)
VM33-8	-54.467	122.900	4514	1020	Christie *et al.* (1986); Ryan and Langmuir (1987)
VM33-9	-54.533	125.333	4679	882	
VM33-10	-43.500	127.800	4816	835	
VM33-11	-43.500	126.100	4684	837	
VM33-12	-43.500	123.917	4543	933	
VM33-13	-43.500	122.433	4728	833	
VM33-14	-43.500	118.517	4423	868	

64. *Vema* 34

23 February - 21 March, 1977
Principal Investigator: Bruce Heezen

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
VM34-154	-41.150	28.333	3923	100	
VM34-155	-42.167	26.733	4000	236	
VM34-156	-42.067	26.633	3819	513	
VM34-157	-41.950	26.417	3636	1138	
VM34-158	-41.250	25.783	2994	894	
VM34-159	-41.083	25.483	2892	512	

65. *Islas Orcadas* 0775

30 October - 20 December, 1975
Principal Investigator: D. Warnke

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO0775-1	-49.682	-40.393	2090	52	Ciesielski and Wise (1977)
IO0775-2	-49.455	-39.627	3336	1111	Ciesielski and Wise (1977)
IO0775-3	-49.398	-39.215	3299	0	Bagged sample only; Ciesielski and Wise (1977)
IO0775-4	-47.818	-37.038	5616	1142	
IO0775-5	-48.853	-36.555	4895	1169	
IO0775-6	-48.703	-35.060	5087	1009	
IO0775-7	-47.957	-34.993	5298	1130	
IO0775-8	-47.770	-29.475	4712	0	Bagged sample only.
IO0775-11	-49.98	-25.915	4610	1667	
IO0775-12	-49.498	-33.977	5080	1096	
IO0775-13	-49.518	-34.970	4967	1058	
IO0775-14	-48.802	-35.627	4989	187	
IO0775-15	-49.523	-36.037	4707	698	
IO0775-16	-50.608	-31.767	4440	1691	
IO0775-17	-50.968	-24.665	4139	1132	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO0775-18	-51.615	-27.400	4194	567	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO0775-20	-52.507	-31.825	3395	1174	
IO0775-21	-52.592	-27.273	4639	1082	
IO0775-25	-56.578	-20.287	5014	1149	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO0775-27	-57.045	-23.572	5020	1110	Federman *et al.* (1982)
IO0775-29	-57.193	-25.493	3504	20	
IO0775-32	-56.233	-30.602	2933	584	
IO0775-33	-55.193	-30.440	4623	256	
IO0775-34	-55.137	-31.092	5073	540	
IO0775-37	-52.688	-42.098	2782	1009	
IO0775-38	-52.430	-42.175	3603	1139	Ciesielski and Wise (1977)
IO0775-39	-51.973	-42.362	2694	0	Bagged sample only; Ciesielski and Wise (1977)
IO0775-40	-50.303	-43.417	1605	445	Ciesielski and Wise (1977)
IO0775-41	-50.012	-43.578	2189	0	Bagged sample only; Ciesielski and Wise (1977)
IO0775-42	-49.868	-43.630	2621	54	Ciesielski and Wise (1977)
IO0775-43	-50.220	-44.147	1713	853	Ciesielski and Wise (1977)
IO0775-44	-50.308	-44.528	1651	688	Ciesielski and Wise (1977)
IO0775-45	-50.417	-44.873	1621	477	Ciesielski and Wise (1977)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO0775-46	-50.463	-44.953	1599	305	Ciesielski and Wise (1977)
IO0775-47	-50.548	-45.307	1517	282	Ciesielski and Wise (1977)
IO0775-48	-50.642	-46.078	1493	394	Ciesielski and Wise (1977)
IO0775-49	-50.735	-46.337	1784	467	Ciesielski and Wise (1977)
IO0775-50	-50.858	-46.768	2344	161	Ciesielski and Wise (1977)
IO0775-51	-50.955	-47.035	2547	66	Ciesielski and Wise (1977)
IO0775-52	-50.912	-46.833	2558	135	Ciesielski and Wise (1977)
IO0775-53	-50.867	-46.610	2229	191	Ciesielski and Wise (1977)
IO0775-54	-50.600	-46.385	1856	367	Ciesielski and Wise (1977)
IO0775-55	-50.633	-46.652	2255	345	Ciesielski and Wise (1977)
IO0775-56	-50.583	-47.453	2637	10	Ciesielski and Wise (1977)
IO0775-57	-50.582	-47.512	2525	66	Ciesielski and Wise (1977)

66. *Islas Orcadas* 1176

For more information about cruise objectives see Sclater *et al.* (1977).

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1176-8	-49.885	-42.372	1929	0	Bagged sample only; Ciesielski and Wise (1977)
IO1176-9	-50.162	-42.287	1441	146	Ciesielski and Wise (1977)
IO1176-10	-50.095	-41.108	1635	333	Ciesielski and Wise (1977)
IO1176-11	-50.100	-40.835	1865		bag sample only; Ciesielski and Wise (1977)
IO1176-12	-50.068	-40.647	2088	160	Ciesielski and Wise (1977)
IO1176-13	-50.070	-40.503	2209	128	Ciesielski and Wise (1977)
IO1176-15	-50.768	-37.153	4876	646	
IO1176-16	-50.897	-33.960	2880	140	
IO1176-17	-51.445	-33.162	2041	0	Bagged sample only.
IO1176-18	-51.445	-33.292	1929	0	Bagged sample only.
IO1176-19	-51.483	-33.362	1767	465	
IO1176-20	-51.470	-33.738	2081	490	
IO1176-21	-51.447	-33.865	2281	590	
IO1176-22	-51.432	-33.990	2542	256	
IO1176-24	-51.787	-33.655	1970	546	
IO1176-25	-52.207	-32.633	2418	176	
IO1176-32	-56.405	-28.137	2474	36	
IO1176-34	-56.475	-21.980	4486	1052	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO1176-36	-56.378	-16.995	4175	1110	
IO1176-38	-56.263	-12.818	4587	1200	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO1176-39	-56.213	-10.140	4128	1178	Balsam and Wolhart (1993); Ledbetter (1986); Ledbetter and Klaus (1987); Sachs and Ellwood (1988)
IO1176-41	-56.082	-6.250	3773	966	
IO1176-52	-53.712	10.400	3815	969	
IO1176-53	-52.212	9.472	3116	991	
IO1176-54	-53.118	7.987	2502	440	
IO1176-55	-53.382	6.660	2926	1181	Pichon *et al.* (1992); Shemesh *et al.* (1989b)
IO1176-64	-57.230	8.202	5479	1756	
IO1176-65	-57.208	8.207	5483	1800	Core given to Republic of Argentina; Pichon *et al.* (1992)
IO1176-66	-57.922	8.983	4513	1161	
IO1176-67	-57.043	9.248	5274	1773	
IO1176-68	-56.187	9.588	4830	1767	

IO1176-69	-55.118	9.948	4552	1090	Core given to Republic of Argentina
IO1176-70	-55.150	9.967	4521	1691	
IO1176-71	-54.520	10.298	3809	1455	
IO1176-73	-53.520	10.818	3167	629	
IO1176-74	-53.112	11.213	3561	174	
IO1176-76	-52.527	11.572	3127	365	
IO1176-78	-51.758	12.052	3974	1172	
IO1176-79	-51.183	12.440	3727	1100	
IO1176-81	-50.153	12.910	4265	1150	
IO1176-82	-49.520	13.192	4100	1169	Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1176-83	-48.985	13.440	4634	1710	
IO1176-85	-48.348	13.762	4499	1743	
IO1176-86	-48.043	13.817	4338	1721	Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1176-87	-47.492	14.067	4843	1472	
IO1176-88	-46.963	14.303	5106	1012	Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1176-89	-46.173	14.665	4374	1760	
IO1176-90	-45.577	14.868	4587	1342	Core given to Republic of Argentina
IO1176-91	-44.945	15.048	4649	1757	Core given to Republic of Argentina; Pichon *et al.* (1987); Pichon *et al.* (1992)

67. Deep Freeze '76 (USCGC *Glacier*)

January, 1976
Principal Investigator: Tom Kellogg

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF76-1	-77.450	174.800	695	544	
DF76-2	-77.900	178.283	631	972	
DF76-3	-78.200	-174.183	558	671	
DF76-4	-78.117	-178.317	695	202	
DF76-5	-78.033	-179.250	677	521	
DF76-6	-77.867	-179.183	640	478	
DF76-8	-77.533	-175.933	576	351	
DF76-9	-77.500	-176.633	567	445	
DF76-10	-77.450	-178.617	613	279	
DF76-11	-77.467	-178.833	732	124	
DF76-12	-77.417	173.783	741	593	
DF76-14	-77.100	177.650	475	424	
DF76-15	-77.250	176.267	494	76	
DF76-16	-77.117	167.000	883	329	
DF76-17	-77.667	166.183	494	266	

68. *Islas Orcadas* 1277

3 January - 4 March, 1977
Principal Investigators: John L. LaBreque and Arnold Gordon

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1277-1	-39.530	16.858	4806	1137	
IO1277-2	-45.035	22.470	4806	417	Hambos and Burckle (1985); Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1277-3	-46.995	21.925	5055	45	
IO1277-4	-47.988	21.582	4559	590	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1277-5	-49.017	21.353	4610	1212	
IO1277-6	-49.498	21.177	4243	1194	
IO1277-7	-49.990	21.115	4153	1187	
IO1277-8	-50.542	20.883	4492	1178	Pichon *et al.* (1992)
IO1277-9	-51.013	20.738	4151	1181	
IO1277-10	-52.018	20.472	2740	1680	Shemesh *et al.* (1989b)
IO1277-11	-53.000	20.093	3027	988	
IO1277-12	-54.010	19.792	3178	1170	Pichon *et al.* (1992)
IO1277-13	-56.267	19.070	4100	1066	
IO1277-14	-58.442	18.248	4682	984	
IO1277-15	-59.525	17.843	5066	1727	
IO1277-16	-61.030	17.445	4921	1801	
IO1277-17	-61.988	16.958	4998	1705	
IO1277-18	-63.002	16.618	5022	1671	
IO1277-19	-63.995	16.187	4949	1674	
IO1277-20	-65.002	15.743	3886	1304	
IO1277-21	-66.013	15.340	3603	1172	
IO1277-22	-67.020	14.873	3904	1194	
IO1277-23	-67.897	14.580	3698	924	
IO1277-24	-68.167	11.980	1862	1180	
IO1277-25	-68.608	10.965	2015	1172	
IO1277-26	-65.027	9.183	4658	1732	
IO1277-27	-62.933	9.128	4846	1806	
IO1277-28	-61.467	9.183	5322	206	Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1277-29	-59.523	9.000	4976	1211	Burckle and Abrams (1987)
IO1277-30	-60.020	6.123	5229	1712	
IO1277-31	-62.027	4.158	5240	1791	Burckle and Abrams (1987)
IO1277-32	-63.007	3.100	5227	1755	Burckle and Abrams (1987)
IO1277-33	-63.558	2.478	4184	1650	
IO1277-34	-64.480	1.555	2679	960	
IO1277-35	-64.455	1.778	2527	1730	
IO1277-36	-65.535	0.465	3440	1344	
IO1277-37	-66.508	-0.675	4473	1275	Burckle and Abrams (1987)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1277-39B	-68.498	-3.095	4062	288	
IO1277-40	-69.493	-4.328	2970	1200	
IO1277-41	-69.998	-5.077	1873	1173	Pichon *et al.* (1987); Pichon *et al.* (1992)
IO1277-42	-66.005	-15.012	4918	337	
IO1277-43	-68.330	-23.982	4724	111	
IO1277-44	-65.503	-18.527	4910	474	
IO1277-46	-68.825	-28.638	4563	555	

69. Deep Freeze '78 (USCGC *Glacier*)

January 1978
Principal Investigator: Tom Kellogg

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF78-1	-70.250	179.667	3508	1077	
DF78-2	-73.600	175.800	468	44	
DF78-3	-73.567	175.800	470	19	
DF78-4	-73.567	175.800	470	281	
DF78-5	-74.967	170.167	384	111	
DF78-6	-75.450	169.617	461	124	
DF78-7	-76.383	166.883	393	379	
DF78-8	-76.483	167.333	777	360	
DF78-9	-76.967	167.867	437	158	
DF78-10	-77.167	168.083	900	559	
DF78-11	-77.167	168.100	898	514	
DF78-12	-78.267	175.250	538	271	
DF78-13	-78.583	164.667	554	240	
DF78-14	-76.500	164.000	424	334	
DF78-15	-76.000	162.500	2008	310	
DF78-16	-76.033	162.500	1937	287	
DF78-17	-76.117	171.217	512	348	
DF78-18	-75.567	174.417	525	382	
DF78-20	-75.000	180.000	454	548	
DF78-21	-76.183	167.767	618	134	
DF78-22	-76.8	164.067	695	126	

70. *Islas Orcadas* 1578

9 January - 4 March, 1978
Principal Investigator: J.L. LaBreque

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1578-2	-58.270	-28.648	3246	360	
IO1578-4	-59.230	-19.727	4217	953	
IO1578-5	-59.800	-13.478	3968	556	
IO1578-6	-59.487	-9.853	4283	641	
IO1578-7	-60.007	-6.758	5214	788	
IO1578-8	-60.555	-3.642	5130	896	
IO1578-9	-61.955	-3.575	5201	362	
IO1578-10	-63.535	-6.445	5128	66	
IO1578-11	-64.978	-7.452	4987	249	
IO1578-12	-66.982	-7.753	4806	397	
IO1578-14	-68.697	-10.225	4256	357	
IO1578-16	-70.612	-10.063	366	140	
IO1578-17	-70.568	-10.075	700	200	Core liner imploded, barrel bent; bagged sample recovered.
IO1578-18	-70.560	-10.182	1039	131	
IO1578-19	-70.540	-10.273	1339	499	
IO1578-20	-70.472	-10.383	1734	19	
IO1578-21	-70.263	-10.652	2222	0	Bagged sample only.
IO1578-22	-69.918	-10.963	2820	512	
IO1578-24	-69.970	-12.283	4078	1068	
IO1578-25	-71.022	-18.267	4440	1013	
IO1578-26	-71.902	-17.260	2242	1135	
IO1578-27	-72.408	-19.418	3274	929	
IO1578-28	-72.190	-15.305	530	260	
IO1578-29	-72.152	-15.530	380	241	
IO1578-30	-71.982	-16.210	530	145	
IO1578-31	-71.977	-16.310	810	242	
IO1578-32	-71.968	-16.493	1061	87	
IO1578-33	-71.927	-16.718	1536	521	
IO1578-34	-71.900	-16.932	1865	1045	
IO1578-35	-71.858	-17.170	2350	1143	
IO1578-36	-71.777	-17.518	2751	802	
IO1578-37	-71.527	-18.125	3681	1139	
IO1578-38	-71.237	-19.147	4301	486	
IO1578-39	-70.657	-21.577	4334	796	
IO1578-40	-69.982	-26.037	4481	1070	
IO1578-41	-69.008	-24.777	4631	471	
IO1578-42	-67.988	-23.435	4746	848	
IO1578-43	-67.005	-22.118	4812	88	
IO1578-44	-66.015	-20.890	4857	296	
IO1578-45	-64.908	-19.972	4898	500	
IO1578-47A	-63.992	-19.780	4855	900	
IO1578-47	-63.153	-20.148	4890	186	
IO1578-48	-61.995	-20.005	4890	933	
IO1578-49	-61.093	-19.865	4718	940	Pichon *et al.* (1992)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1578-50	-64.958	-24.350	4852	824	
IO1578-51	-68.013	-29.857	4563	0	No recovery.
IO1578-52	-66.267	-33.068	4649	351	
IO1578-53A	-64.962	-35.332	4731	0	No recovery.
IO1578-53	-64.967	-35.277	4733	0	No recovery.
IO1578-54A	-64.708	-36.105	4724	0	No recovery.
IO1578-54	-64.802	-35.732	4729	0	No recovery.
IO1578-55	-64.047	-36.967	4353	515	
IO1578-56	-63.097	-38.460	4512	814	
IO1578-59	-60.560	-40.220	2707	385	
IO1578-61	-58.002	-41.003	3438	171	
IO1578-62	-57.002	-41.018	3420	568	
IO1578-63	-56.028	-41.162	3091	497	
IO1578-64	-55.658	-41.167	3420	473	

71. *Islas Orcadas* 1678

5 April - 28 May, 1978
Principal Investigator: S. Wise, Jr.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1678-18	-49.723	-47.288	2345	178	
IO1678-19	-50.185	-46.883	2725	447	
IO1678-20	-50.283	-46.668	2498	144	
IO1678-21	-50.353	-46.532	2262	530	
IO1678-22	-50.518	-46.727	2420	563	
IO1678-23	-50.7	-47.055	2520	89	
IO1678-24	-50.752	-47.237	2505	20	
IO1678-25	-50.877	-47.442	2573	527	
IO1678-26	-51.31	-46.987	2703	230	
IO1678-27	-51.373	-45.73	2264	377	
IO1678-28	-51.237	-45.723	2557	196	
IO1678-29	-51.005	-45.698	2182	50	
IO1678-30	-50.943	-45.693	2012	372	
IO1678-31	-49.895	-46.01	3091	570	
IO1678-32	-50.14	-46.002	2771	105	
IO1678-33	-50.232	-45.998	2465	509	
IO1678-34	-50.165	-45.9	2769	279	
IO1678-35	-50.25	-45.375	2429	520	
IO1678-36	-50.223	-45.43	2622	492	
IO1678-37	-50.363	-44.543	1580	415	
IO1678-38	-50.302	-44.305	1595	309	
IO1678-39	-50.177	-43.747	1840	500	
IO1678-41	-50.243	-43.597	1655	210	
IO1678-43	-49.955	-42.727	1706	188	
IO1678-44	-49.978	-42.64	1677	257	
IO1678-45	-50.042	-42.638	1624	74	
IO1678-46	-50.003	-42.178	1693	27	
IO1678-47	-49.99	-41.783	1529	281	
IO1678-48	-49.972	-41.747	1598	532	
IO1678-49	-49.792	-41.69	1708	99	
IO1678-50	-49.72	-41.717	1726	27	
IO1678-51	-49.717	-41.603	1792	27	
IO1678-52	-50.623	-39.717	3936	1762	
IO1678-55	-51.757	-34.025	2533	280	
IO1678-56	-51.837	-33.907	2374	777	
IO1678-57	-51.887	-33.807	2185	284	
IO1678-63	-54.873	-25.005	4389	838	
IO1678-64	-54.008	-24.195	4515	659	Pichon *et al.* (1992)
IO1678-65	-53.085	-22.955	4331	1107	
IO1678-66	-51.993	-21.702	4422	1086	
IO1678-67	-51.44	-22.89	4588	162	
IO1678-68	-51.072	-20.647	4422	1741	
IO1678-70	-49.997	-19.425	4214	1105	
IO1678-73	-48.41	-17.918	3877	1030	
IO1678-76	-47.168	-16.293	3312	1148	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
IO1678-80	-47.95	-13.023	3102	1167	Pichon *et al.* (1992)
IO1678-81	-48.998	-13.337	3464	1207	
IO1678-83	-50.947	-14.057	3742	1718	
IO1678-84	-51.958	-14.42	3952	1049	Pichon *et al.* (1992)
IO1678-87	55.198	-15.843	3738	1761	
IO1678-89	-57.06	-18.54	4285	1717	Pichon *et al.* (1992)
IO1678-90	-57.513	-17.378	4545	1715	
IO1678-91	-58.165	-17.808	3954	1735	
IO1678-96	-60.465	-21.618	4177	845	Pichon *et al.* (1992)
IO1678-98	-59.838	-23.432	4631	1146	
IO1678-103	-51.508	-25.198	3028	1036	
IO1678-104	-51.492	-25.462	2999	662	
IO1678-105	-51.52	-25.507	3122	220	
IO1678-106	-51.522	-25.467	3091	47	
IO1678-107	-51.522	-25.432	2986	401	
IO1678-108	-51.527	-25.725	2772	444	
IO1678-109	-50.772	-26.068	2999	1089	
IO1678-111	-48.998	-26.96	4331	1797	
IO1678-112	-48.155	-27.978	4374	1761	
IO1678-114	-46.682	-30.123	4716	1766	
IO1678-115	-46.01	-31.097	5047	1780	
IO1678-116	-44.998	-32.108	5044	1700	
IO1678-117	-44.02	-33.088	5201	1786	

72. Deep Freeze '79 (USCGC *Glacier*)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF79-1	-65.483	141.500	2022	558	
DF79-2	-65.567	141.567	1098	575	
DF79-4	-65.783	141.483	472	103	
DF79-6	-66.267	141.600	279	135	
DF79-7	-66.533	141.533	228	20	
DF79-12	-66.567	143.350	807	595	
DF79-13	-66.317	143.317	682	595	
DF79-14	-66.083	143.217	503	67	
DF79-15	-65.867	143.333	412	359	
DF79-17	-65.750	143.400	1872	53	
DF79-19	-65.783	145.200	2598	589	
DF79-23	-66.000	144.967	311	70	
DF79-26	-66.383	145.200	714	513	
DF79-29	-66.683	145.200	558	472	
DF79-30	-67.000	145.217	1079	395	
DF79-31	-66.883	146.367	398	519	
DF79-32	-66.550	147.000	534	70	
DF79-34	-66.833	146.983	595	112	
DF79-35	-67.050	147.000	540	138	
DF79-36	-67.283	147.000	503	188	
DF79-37	-67.550	147.000	582	467	Domack (1985)
DF79-38	-67.733	146.850	1407	40	Domack (1985)
DF79-41	-67.383	149.017	594	80	
DF79-47	-66.667	148.733	476	576	
DF79-49	-66.400	148.617	357	35	
DF79-52	-66.067	148.567	384	578	
DF79-53	-66.133	147.100	445	381	
DF79-55	-65.700	146.517	1235	32	
DF79-56	-65.700	146.517	2361	255	

73. Deep Freeze '80 (USCGC *Glacier*)

December 1979-February 1980
Principal Investigator: John Anderson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF80-2	-70.867	168.817	1079	391	
DF80-14	-70.367	166.617	841	596	
DF80-15	-70.433	166.667	221	346	
DF80-19	-69.800	163.750	274	0	Bagged sample only.
DF80-20	-69.783	163.683	490	164	
DF80-21	-69.750	163.617	650	0	Bagged sample only.
DF80-22	-69.750	163.583	796	535	
DF80-23	-69.717	163.583	1024	38	
DF80-24	-69.717	163.500	1262	0	Bagged sample only.
DF80-27	-69.333	163.533	2121	514	
DF80-28	-69.117	164.267	2195	600	
DF80-29	-69.200	165.600	2251	592	
DF80-30	-69.517	165.950	2094	596	
DF80-31	-69.800	166.383	1676	458	
DF80-32	-69.900	166.433	1570	61	
DF80-33	-69.900	166.433	1189	148	
DF80-34	-69.917	166.283	805	224	
DF80-35	-70.017	166.417	475	276	
DF80-36	-70.083	166.417	271	163	
DF80-37	-70.650	169.150	347	95	
DF80-38	-70.767	168.983	174	13	
DF80-42	-70.617	169.250	1542	0	Bagged sample only.
DF80-44	-77.550	166.067	552	60	
DF80-45	-77.567	165.950	680	66	
DF80-46	-77.567	165.417	662	231	
DF80-47	-77.567	165.283	620	206	
DF80-48	-77.533	165.000	366	56	
DF80-49	-77.517	164.733	234	221	
DF80-50	-77.583	164.583	234	190	
DF80-51	-77.533	164.317	NR	85	
DF80-52	-77.283	163.900	274	47	
DF80-53	-77.283	164.283	360	103	
DF80-54	-77.283	164.650	421	50	
DF80-55	-77.283	165.000	497	134	
DF80-56	-77.283	165.417	750	161	
DF80-57	-77.283	165.817	869	231	
DF80-58	-77.283	166.133	704	171	
DF80-59	-77.200	164.817	460	236	
DF80-60	-77.133	164.600	406	117	
DF80-61	-77.117	165.000	539	238	
DF80-62	-77.133	165.383	741	181	
DF80-63	-77.617	166.167	472	30	
DF80-64	-77.567	166.017	540	222	
DF80-65	-77.517	166.067	815	204	
DF80-66	-77.467	166.117	815	130	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF80-67	-77.400	166.183	827	240	
DF80-68	-77.433	166.417	285	151	
DF80-69	-77.350	166.500	234	147	
DF80-70	-77.417	165.750	856	222	
DF80-71	-77.400	165.233	586	187	
DF80-72	-77.417	164.967	329	0	Bagged sample only.
DF80-73	-77.400	164.633	229	20	
DF80-74	-77.400	164.250	284	0	Bagged sample only.
DF80-75	-77.400	163.850	119	84	
DF80-76	-77.367	163.850	122	0	Bagged sample only.
DF80-77	-77.200	165.200	622	198	
DF80-78	-77.133	165.750	827	228	
DF80-79	-77.467	165.683	845	216	
DF80-80	-77.533	165.633	841	87	
DF80-81	-77.600	165.683	769	166	
DF80-82	-77.617	165.783	714	94	
DF80-83	-77.250	163.700	271	142	
DF80-84	-77.100	163.533	351	175	
DF80-85	-76.917	163.533	625	148	
DF80-86	-76.750	163.650	545	66	
DF80-87	-76.550	163.633	344	206	
DF80-88	-76.367	163.450	216	155	
DF80-89	-76.200	162.983	433	123	
DF80-90	-76.017	163.183	790	190	
DF80-91	-75.733	163.433	732	190	
DF80-92	-75.550	163.033	104	117	
DF80-93	-75.550	163.467	750	302	
DF80-94	-75.467	163.333	791	256	
DF80-95	-75.533	163.900	708	0	Bagged sample only.
DF80-96	-75.600	164.183	539	132	
DF80-97	-75.567	164.783	631	221	
DF80-98	-75.567	164.933	704	202	
DF80-99	-75.517	165.267	805	47	
DF80-100	-75.400	165.050	708	219	
DF80-101	-75.333	164.417	1007	128	
DF80-102	-75.200	163.717	1116	130	
DF80-103	-75.200	163.317	974	58	
DF80-105	-75.050	164.117	914	275	
DF80-106	-75.067	164.717	951	0	Bagged sample only.
DF80-107	-75.050	165.333	1140	182	
DF80-108	-75.067	166.000	915	171	
DF80-109	-75.067	166.717	717	157	
DF80-110	-75.050	167.400	458	230	
DF80-111	-74.917	167.483	554	120	
DF80-112	-74.917	166.817	713	135	
DF80-113	-74.917	166.483	951	144	
DF80-114	-74.917	165.800	1088	154	
DF80-115	-74.917	165.200	841	65	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF80-116	-74.917	164.600	549	82	
DF80-117	-74.883	164.067	201	36	
DF80-118	-74.717	164.250	439	268	
DF80-119	-74.717	164.833	539	14	
DF80-120	-74.700	165.500	306	0	Bagged sample only.
DF80-121	-74.700	166.083	713	61	
DF80-122	-74.583	166.450	704	182	
DF80-123	-74.517	165.933	525	68	
DF80-125	-74.433	165.233	199	87	
DF80-126	-74.400	165.417	527	52	
DF80-127	-74.600	165.733	424	107	
DF80-128	-74.783	165.000	736	22	
DF80-129	-75.150	164.300	988	204	
DF80-130	-75.217	165.350	841	135	
DF80-131	-75.417	165.800	755	105	
DF80-132	-75.550	166.133	668	230	
DF80-133	-77.083	166.167	897	258	
DF80-134	-77.150	166.183	869	260	
DF80-135	-77.167	166.483	567	0	Bagged sample only.
DF80-136	-77.150	167.000	558	86	
DF80-137	-77.233	167.183	388	38	
DF80-138	-77.183	167.617	914	254	
DF80-139	-77.083	167.267	869	241	
DF80-140	-77.267	165.867	860	232	
DF80-141	-77.250	165.200	613	133	
DF80-142	-73.683	170.617	576	227	
DF80-143	-73.400	172.167	521	271	
DF80-144	-73.017	172.167	457	219	
DF80-145	-72.867	172.117	576	342	
DF80-147	-71.650	170.233	170	38	
DF80-148	-71.617	170.200	256	167	
DF80-149	-71.583	170.100	351	69	
DF80-150	-71.417	169.883	353	281	
DF80-151	-71.267	170.000	73	78	
DF80-152	-71.183	169.917	457	25	
DF80-153	-71.100	170.033	329	212	
DF80-154	-70.817	169.367	481	154	
DF80-155	-70.867	169.050	695	268	
DF80-156	-70.900	168.883	1143	73	
DF80-157	-70.950	168.583	786	141	
DF80-158	-71.083	168.283	413	255	
DF80-159	-71.000	168.200	435	272	
DF80-160	-70.883	168.000	518	110	
DF80-161	-70.733	167.533	174	71	
DF80-162	-70.733	166.683	892	273	
DF80-163	-70.733	166.667	805	362	
DF80-164	-70.533	167.350	466	0	Bagged sample only.
DF80-165	-70.700	167.750	188	0	Bagged sample only.

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF80-166	-70.667	168.650	187	22	
DF80-167	-71.300	169.033	218	0	Bagged sample only.
DF80-169	-70.900	169.917	421	54	
DF80-171	-71.567	171.183	274	131	
DF80-172	-71.800	171.533	315	174	
DF80-173	-72.183	171.283	433	278	
DF80-174	-72.583	171.250	388	176	
DF80-175	-72.933	171.133	595	275	
DF80-176	-73.317	170.850	492	282	
DF80-177	-73.683	171.817	529	281	
DF80-178	-77.717	166.333	411	184	
DF80-179	-77.717	165.900	530	96	
DF80-180	-77.700	165.450	518	58	
DF80-181	-77.817	166.583	265	0	Bagged sample only.
DF80-182	-77.800	166.150	585	130	
DF80-183	-77.833	166.383	560	17	
DF80-186	-77.583	165.100	375	243	
DF80-187	-77.583	165.117	380	196	
DF80-188	-77.450	165.283	631	193	
DF80-189	-77.200	167.883	907	193	
DF80-190	-76.867	167.033	691	213	
DF80-191	-76.900	165.067	550	81	
DF80-192	-76.917	163.267	766	24	
DF80-193	-76.550	165.017	732	254	

NR = Not recorded
NOTE: See also Krissek (1988).

74. Deep Freeze '81 (USCGC *Glacier*)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF81-1	-71.033	-110.317	2478	128	
DF81-2	-71.167	-110.350	1600	68	
DF81-3	-71.217	-110.350	1009	68	
DF81-4	-71.250	-110.333	817	223	
DF81-5	-71.233	-110.433	602	147	
DF81-6	-71.300	-110.267	457	147	Kellogg and Kellogg (1982)
DF81-7	-71.250	-109.000	475	227	Kellogg and Kellogg (1982)
DF81-8	-71.183	-109.033	622	170	
DF81-13	-63.567	-61.550	988	122	
DF81-18	-63.517	-61.567	1298	270	
DF81-22	-63.267	-61.950	933	281	
DF81-23	-63.233	-61.850	951	277	

75. *Robert Conrad* 23

12 April - 3 May, 1982
Principal Investigator: S. Cande

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
RC23-2	-47.300	-76.217	3462	381	Alfaro *et al.* (1982)
RC23-3	-45.900	-75.717	1634	561	Alfaro *et al.* (1982)
RC23-4	-45.917	-75.900	3126	369	Alfaro *et al.* (1982)
RC23-5	-45.920	-75.933	3693	112	Alfaro *et al.* (1982)
RC23-6	-47.733	-75.862	1852	290	Alfaro *et al.* (1982); Froelich *et al.* (1983); Froelich *et al.* (1988)
RC23-7	-46.267	-75.817	2959	127	Alfaro *et al.* (1982); Froelich *et al.* (1983)
RC23-8	-46.200	-75.833	1630	391	Alfaro *et al.* (1982)
RC23-9	-45.083	-75.650	1221	373	Alfaro *et al.* (1982)

76. Deep Freeze '82 (USCGC *Glacier*)

17 February - 11 March, 1982
Principal Investigator: J. Anderson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF82-1	-63.953	-56.360	430	271	
DF82-3	-64.372	-56.445	280	81	
DF82-4	-64.525	-56.703	183	17	
DF82-7	-64.708	-56.508	345	20	
DF82-8	-64.785	-56.783	420	289	
DF82-9	-64.933	-56.450	442	252	
DF82-10	-65.117	-56.475	523	255	
DF82-11	-65.243	-56.237	525	308	
DF82-12	-65.085	-55.925	513	372	
DF82-13	-64.883	-55.783	457	79	
DF82-14	-64.610	-55.732	336	261	
DF82-15	-64.502	-55.713	293	174	
DF82-16	-64.417	-55.383	347	264	
DF82-17	-64.500	-55.012	360	227	
DF82-18	-64.325	-55.025	314	35	
DF82-19	-64.252	-55.467	342	271	
DF82-20	-64.235	-55.907	381	290	
DF82-21	-64.092	-54.233	415	0	Bagged sample only.
DF82-22	-64.090	-55.237	509	213	
DF82-23	-64.105	-55.193	621	262	
DF82-24	-64.113	-54.082	851	108	
DF82-25	-64.133	-53.933	1252	262	
DF82-26	-64.158	-53.833	1520	264	
DF82-28	-63.877	-53.312	703	225	
DF82-29	-63.633	-52.817	729	0	Bagged sample only.
DF82-34	-62.295	-57.623	1979	591	
DF82-35	-62.362	-57.367	1484	610	
DF82-36	-62.465	-57.172	1072	582	
DF82-37	-62.553	-56.988	728	47	
DF82-38	-62.590	-56.900	366	58	
DF42-41	-63.108	-57.212	521	16	
DF82-42	-63.072	-57.105	336	0	Bagged sample only.
DF82-43	-63.028	-57.055	56	40	
DF82-46	-63.065	-58.348	765	288	
DF82-47	-62.922	-58.395	723	294	
DF82-48	-62.803	-58.468	840	275	
DF82-49	-62.708	-58.495	1587	70	
DF82-50	-62.618	-58.467	1661	574	
DF82-51	-63.723	-60.048	560	286	
DF82-52	-63.682	-60.327	224	0	Bagged sample only.
DF82-54	-63.485	-60.390	588	274	
DF82-55	-63.400	-60.250	719	99	
DF82-56	-63.4107	-60.208	425	0	Bagged sample only.
DF82-60	-63.39	-59.570	673	277	
DF82-61	-63.283	-59.337	728	282	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF82-64	-63.152	-59.123	280	50	
DF82-65	-63.160	-59.220	560	56	
DF82-66	-63.150	-59.303	793	597	
DF82-68	-63.110	-59.698	405	259	
DF82-69	-62.998	-59.635	916	273	
DF82-70	-62.805	-59.748	486	71	
DF82-71	-62.640	-59.533	1350	299	
DF82-72	-62.620	-59.580	905	25	
DF82-73	-62.608	-59.672	551	284	
DF82-74	-62.597	-59.697	521	283	
DF82-75	-62.517	-59.950	200	282	
DF82-80	-62.682	-59.835	522	0	Bagged sample only.
DF82-84	-62.825	-60.190	840	259	
DF82-85	-62.808	-60.707	200	77	
DF82-87	-62.702	-60.550	265	288	
DF82-88	-62.825	-60.445	455	97	
DF82-89	-62.955	-60.217	990	133	
DF82-91	-63.115	-61.152	766	498	
DF82-92	-63.090	-61.573	635	78	
DF82-93	-64.068	-61.327	690	295	
DF82-94	-64.085	-61.183	273	0	Bagged sample only.
DF82-97	-64.147	-60.908	334	272	
DF82-98	-64.137	-60.933	284	281	
DF82-99	-64.117	-60.992	289	44	
DF82-100	-64.158	-61.280	526	293	
DF82-102	-64.310	-61.878	540	280	
DF82-103	-64.353	-61.810	668	276	
DF82-104	-64.363	-61.753	482	161	
DF82-105	-64.417	-61.758	170	14	
DF82-107	-64.562	-61.617	298	215	
DF82-108	-64.550	-61.667	341	276	
DF82-109	-64.603	-61.567	439	278	
DF82-111	-64.635	-61.625	344	572	
DF82-112	-64.608	-61.633	564	598	
DF82-113	-64.603	-61.660	144	371	
DF82-117	-64.553	-61.962	340	250	
DF82-119	-64.563	-61.967	345	71	
DF82-121	-64.488	-62.512	112	40	
DF82-122	-64.467	-62.525	130	14	
DF82-123	-64.473	-62.530	233	307	
DF82-124	-64.703	-62.225	396	134	
DF82-125	-64.692	-62.065	314	254	
DF82-126	-64.710	-62.057	246	31	
DF82-127	-64.658	-62.123	443	273	
DF82-128	-64.438	-63.327	317	0	Bagged sample only.
DF82-129	-64.428	-63.302	498	20	
DF82-130	-64.408	-63.250	631	241	
DF82-131	-64.392	-63.247	345	569	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF82-132	-64.378	-63.190	560	555	
DF82-133	-64.435	-62.953	644	590	
DF82-134	-64.575	-62.650	793	660	
DF82-135	-64.648	-62.890	532	49	
DF82-136	-64.757	-62.758	452	278	
DF82-137	-64.795	-62.717	368	265	
DF82-140	-64.827	-62.630	392	280	
DF82-141	-64.867	-62.545	306	113	
DF82-142	-64.885	-62.440	541	224	
DF82-143	-64.873	-62.502	411	274	
DF82-144	-64.900	-62.622	261	79	
DF82-147	-64.887	-62.602	317	167	
DF82-148	-64.850	-62.625	345	102	
DF82-149	-64.808	-62.708	332	249	
DF82-150	-64.853	-63.167	336	41	
DF82-151	-64.967	-63.335	360	286	
DF82-152	-65.088	-63.168	485	210	
DF82-153	-65.133	-63.192	351	46	
DF82-154	-65.088	-63.167	689	229	
DF82-155	-65.020	-63.260	437	280	
DF82-156	-64.940	-63.617	608	264	
DF82-157	-64.742	-63.583	224	207	
DF82-158	-64.747	-63.550	136	0	Bagged sample only.
DF82-159	-64.730	-63.255	374	17	
DF82-160	-64.767	-63.325	374	61	
DF82-161	-64.742	-63.483	187	151	
DF82-162	-64.783	-63.525	317	15	
DF82-163	-63.392	-57.017	317	206	
DF82-164	-63.387	-56.997	299	160	
DF82-165	-63.382	-56.983	243	0	Bagged sample only.
DF82-166	-63.470	-56.598	952	564	
DF82-167	-63.875	-56.610	448	227	
DF82-168	-63.868	-57.000	429	266	
DF82-169	-64.053	-56.575	228	33	
DF82-170	-64.000	-56.833	177	25	
DF82-171	-64.250	-57.158	224	275	
DF82-172	-64.242	-57.220	131	81	
DF82-174	-64.167	-56.808	288	268	
DF82-175	-63.837	-58.243	560	0	Bagged sample only.
DF82-176	-63.893	-58.108	168	155	
DF82-177	-63.873	-58.175	211	0	Bagged sample only.
DF82-178	-63.805	-58.017	689	44	
DF82-181	-63.807	-58.075	769	205	
DF82-182	-63.855	-57.713	405	256	
DF82-183	-63.990	-57.725	299	289	
DF82-184	-64.045	-57.758	383	296	
DF82-185	-64.075	-57.750	383	265	
DF82-186	-64.067	-57.817	299	235	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF82-187	-64.033	-57.783	265	273	
DF82-188	-63.980	-57.838	198	21	
DF82-189	-63.953	-57.662	340	74	
DF82-190	-63.932	-57.643	149	41	
DF82-191	-63.922	-57.568	95	20	
DF82-192	-63.908	-57.693	350	527	
DF82-193	-63.758	-57.717	786	110	
DF82-196	-63.758	-57.333	696	121	
DF82-197	-63.717	-57.227	750	223	
DF82-198	-63.355	-56.405	629	96	
DF82-199	-61.958	-56.310	1980	127	
DF82-200	-61.287	-56.533	560	0	Bagged sample only.
DF82-201	-61.262	-56.553	898	0	Bagged sample only.
DF82-202	-61.223	-56.600	452	80	
DF82-203	-61.187	-56.625	1102	0	Bagged sample only.
DF82-204	-61.138	-56.635	1367	96	
DF82-205	-61.118	-56.617	1639	0	Bagged sample only.

77. Deep Freeze '83 (USCGC *Glacier*)

6-11 February, 1983
Principal Investigator: John Anderson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF83-14	-78.48	-164.143	601	277	
DF83-17	-77.718	-159.758	229	53	
DF83-18	-77.440	-159.070	376	78	
DF83-19	-77.320	-158.700	770	225	
DF83-22	-76.955	-157.113	530	92	
DF83-23	-76.983	-156.610	393	74	
DF83-24	-76.917	-155.577	216	104	
DF83-25	-76.965	-155.453	778	22	
DF83-26	-76.953	-155.605	1207	0	
DF83-28	-76.830	-152.510	1024	270	
DF83-29	-76.725	-152.658	933	0	
DF83-30	-76.597	-153.188	643	0	
DF83-31	-76.597	-154.098	713	36	
DF83-32	-76.600	-155.555	373	42	
DF83-33	-76.643	-156.358	787	85	
DF83-34	-76.712	-156.248	677	59	
DF83-35	-76.433	-157.867	549	162	
DF83-36	-76.400	-157.917	808	276	
DF83-37	-76.358	-157.778	1390	300	
DF83-39	-76.467	-157.867	347	0	
DF83-45	-76.853	175.938	330	35	

78. Deep Freeze '85 (USCGC *Glacier*)

18 December 1984 - January 1985
Principal Investigator: J. Anderson

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF85-1	-61.572	-47.498	2504	135	
DF85-2	-61.572	-47.498	2504	135	
DF85-3	-61.495	-47.042	576	124	
DF85-4	-61.527	-47.028	553	144	
DF85-5	-61.460	-46.760	411	104	
DF85-6	-67.987	-68.567	607	11	
DF85-8	-61.728	-47.468	1235	116	
DF85-9	-61.710	-47.365	1243	156	
DF85-10	-61.705	-47.272	1364	170	
DF85-11	-61.668	-47.127	1360	45	
DF85-12	-61.677	-46.963	962	278	
DF85-13	-61.660	-46.900	732	132	
DF85-14	-61.700	-46.767	512	10	
DF85-15	-61.927	-47.238	2397	101	
DF85-16	-61.922	-47.078	2004	43	
DF85-17	-61.912	-47.092	1428	261	
DF85-18	-61.865	-47.055	1261	146	
DF85-19	-61.877	-46.955	1151	65	
DF85-20	-61.758	-46.843	768	40	
DF85-22	-60.833	-45.688	348	558	
DF85-23	-60.818	-45.745	304	285	
DF85-25	-60.853	-41.112	155	20	
DF85-26	-61.005	-46.302	220	40	
DF85-27	-61.153	-46.370	249	200	
DF85-28	-61.315	-46.472	295	80	
DF85-29	-61.485	-46.525	357	62	
DF85-30	-61.637	-46.357	311	22	
DF85-31	-61.773	-46.193	416	119	
DF85-33	-62.340	-46.492	2843	117	
DF85-34	-62.202	-46.347	1794	271	
DF85-35	-62.177	-46.203	1054	282	
DF85-36	-62.197	-46.328	1684	274	
DF85-42	-61.913	-59.908	304	26	
DF85-43	-61.977	-59.880	210	191	
DF85-45	-62.080	-59.842	101	78	
DF85-48	-62.148	-58.428	439	263	
DF85-49	-62.140	-58.443	363	414	
DF85-51	-63.585	-63.810	144	93	
DF85-52	-63.777	-63.382	522	264	
DF85-53	-64.558	-63.155	201	159	
DF85-54	-64.532	-63.133	311	289	
DF85-55	-64.505	-63.110	462	530	
DF85-57	-65.097	-63.170	650	246	
DF85-58	-65.078	-63.178	439	175	
DF85-59	-65.052	-63.190	384	423	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF85-60	-65.023	-63.273	448	262	
DF85-61	-64.962	-64.288	1190	274	
DF85-62	-64.978	-64.328	772	291	
DF85-63	-64.948	-64.317	1373	1109	
DF85-65	-67.768	-68.268	358	120	
DF85-66	-67.805	-68.105	859	597	
DF85-67	-67.932	-68.547	412	189	
DF85-69	-67.998	-68.413	256	17	
DF85-71	-67.987	-68.567	607	218	
DF85-72	-67.915	-68.448	808	716	
DF85-74	-68.102	-68.568	338	116	
DF85-75	-68.092	-68.443	366	262	
DF85-76	-68.090	-68.125	594	583	
DF85-77	-68.085	-67.870	316	56	
DF85-78	-68.145	-68.072	470	72	
DF85-79	-68.195	-68.253	485	515	
DF85-81	-68.243	-67.070	421	511	
DF85-82	-68.240	-67.503	275	132	
DF85-84	-68.280	-67.908	329	223	
DF85-85	-62.197	-46.328	1684	247	
DF85-86	-68.262	-68.183	448	274	
DF85-87	-68.253	-68.332	622	596	
DF85-88	-68.292	-68.525	220	138	
DF85-90	-68.332	-69.537	302	13	
DF85-92	-68.448	-69.770	348	120	
DF85-93	-72.843	-105.207	550	65	
DF85-94	-73.218	-103.987	584	23	
DF85-95	-73.305	-103.640	777	270	
DF85-96	-73.298	-103.618	786	99	
DF85-97	-73.385	-103.762	728	142	
DF85-99	-73.897	-103.778	307	7	
DF85-101	-73.740	-103.718	924	227	
DF85-102	-73.533	-103.560	329	59	
DF85-103	-73.937	-103.120	586	182	
DF85-105	-74.648	-102.562	650	288	
DF85-106	-74.763	-102.418	1052	550	
DF85-107	-74.968	-101.548	933	508	
DF85-108	-74.652	-102.963	615	277	
DF85-109	-72.492	-104.477	567	69	
DF85-110	-71.642	-101.463	463	161	
DF85-111	-71.337	-100.985	417	204	
DF85-112	-71.237	-100.855	412	230	
DF85-113	-71.110	-100.623	403	150	
DF85-114	-68.332	-70.825	713	44	
DF85-115	-68.443	-70.763	726	210	
DF85-116	-68.482	-70.600	650	146	
DF85-117	-68.495	-70.208	503	184	
DF85-118	-68.315	-70.458	489	479	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF85-119	-68.343	-70.380	787	288	
DF85-122	-68.265	-69.553	676	238	
DF85-123	-68.252	-69.350	538	254	
DF85-125	-68.232	-69.678	558	143	
DF85-126	-68.172	-69.683	860	137	
DF85-128	-68.042	-69.622	774	297	
DF85-129	-67.832	-67.582	256	158	

79. Deep Freeze '86 (USCGC *Glacier*)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF86-4	-62.197	-54.782	658	199	
DF86-7	-61.958	-55.483	1903	250	
DF86-8	-62.307	-56.032	322	41	
DF86-9	-62.157	-56.150	1125	295	
DF86-14	-61.682	-56.697	461	85	
DF86-15	-61.760	-56.958	403	0	Bagged sample only.
DF86-16	-61.847	-57.222	292	29	
DF86-17	-62.147	-57.718	549	282	
DF86-19	-62.302	-57.507	1910	949	
DF86-21	-62.312	-58.375	1380	279	
DF86-22	-62.377	-58.612	1014	286	
DF86-23	-62.200	-58.863	228	270	
DF86-27	-62.895	-58.628	714	242	
DF86-28	-62.802	-58.802	1129	284	
DF86-31	-62.743	-58.903	1464	614	
DF86-32	-62.690	-58.985	1226	213	
DF86-33	-62.450	-57.970	1846	75	
DF86-35	-62.245	-58.823	457	266	
DF86-36	-62.258	-58.810	484	125	
DF86-40	-62.507	-59.423	695	131	
DF86-41	-62.588	-59.262	1444	44	
DF86-42	-62.553	-59.215	1153	14	
DF86-43	-63.452	-59.282	649	131	
DF86-45	-63.128	-59.557	799	220	
DF86-48	-62.683	-59.742	1234	116	
DF86-49	-63.375	-60.565	462	180	
DF86-51	-63.315	-60.677	544	285	
DF86-53	-63.223	-60.932	722	131	
DF86-54	-63.152	-61.005	1098	145	
DF86-56	-63.002	-61.275	330	241	
DF86-57	-63.327	-61.388	1239	248	
DF86-61	-63.700	-61.297	814	45	
DF86-62	-63.628	-61.577	924	176	
DF86-65	-63.565	-61.697	1325	160	
DF86-66	-63.532	-61.768	1371	650	
DF86-70	-64.617	-61.572	384	220	
DF86-71	-64.577	-61.645	373	198	
DF86-75	-64.710	-62.062	227	14	
DF86-83	-64.607	-62.832	393	70	
DF86-85	-64.963	-64.373	1334	190	
DF86-86	-64.420	-65.157	512	163	
DF86-87	-64.298	-65.335	549	186	
DF86-88	-64.118	-65.782	490	137	
DF86-91	-68.478	-70.093	1079	228	
DF86-94	-68.263	-68.552	641	170	
DF86-98	-68.465	-67.737	493	138	
DF86-99	-68.235	-67.762	292	140	

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF86-100	-68.138	-67.705	406	127	
DF86-101	-68.060	-67.672	258	240	
DF86-102	-67.970	-67.620	238	245	
DF86-103	-67.888	-67.618	370	161	
DF86-105	-67.858	-67.817	219	0	Bagged sample only.
DF86-106	-67.820	-67.982	520	175	
DF86-111	-67.928	-68.418	815	275	
DF86-112	-68.032	-68.287	490	143	
DF86-116	-68.155	-68.408	503	247	
DF86-117	-68.187	-68.658	293	0	Bagged sample only.
DF86-118	-68.077	-69.282	582	302	
DF86-121	-64.900	-64.722	466	0	Bagged sample only.

NOTE: See also DeMaster *et al.* (1988b), Kellogg and Kellogg (1988).

80. Deep Freeze '87 (USCGC *Glacier*)

CORE	LAT (deg)	LONG (deg)	SITE DEPTH (m)	CORE LEN. (cm)	CITED IN
DF87-4	-73.130	170.788	512	260	
DF87-5	-72.407	171.553	311	14	
DF87-6	-72.555	172.460	530	293	
DF87-7	-72.662	173.745	457	212	
DF87-8	-73.007	178.172	421	128	
DF87-9	-73.140	177.113	548	220	
DF87-10	-73.372	178.685	574	39	
DF87-11	-73.465	179.477	384	18	
DF87-12	-73.205	179.645	585	130	
DF87-13	-73.195	179.822	548	132	
DF87-14	-72.973	-179.893	658	179	
DF87-15	-72.647	-179.248	705	165	
DF87-16	-72.477	179.320	2029	176	
DF87-17	-72.820	178.955	1791	245	
DF87-18	-73.007	178.913	820	275	
DF87-19	-72.777	177.870	1464	251	
DF87-20	-72.538	174.970	622	85	
DF87-21	-72.543	174.880	411	48	
DF87-22	-72.250	173.067	508	46	
DF87-23	-73.530	177.265	512	43	
DF87-28	-73.207	171.982	484	247	
DF87-29	-73.162	171.450	530	190	
DF87-30	-73.197	170.850	567	277	
DF87-31	-73.085	170.743	503	290	
DF87-32	-73.485	170.387	457	189	
DF87-33	-77.452	166.072	923	86	
DF87-34	-77.452	166.072	823	47	
DF87-35	-77.467	166.112	792	49	
DF87-37	-77.502	166.172	504	31	
DF87-38	-77.505	166.207	270	8	
DF87-39	-77.365	166.018	877	20	
DF87-40	-77.393	165.528	731	11	
DF87-41	-77.395	164.232	421	12	
DF87-42	-76.975	162.627	768	51	
DF87-43	-76.978	163.570	430	64	
DF87-44	-77.035	163.410	329	62	
DF87-45	-77.223	165.085	531	117	
DF87-46	-77.502	166.113	659	53	
DF87-48	-77.423	166.245	680	30	
DF87-49	-77.435	166.272	804	20	
DF87-50	-77.435	166.282	541	44	
DF87-51	-77.455	166.330	586	64	
DF87-53	-77.462	165.198	548	34	